

# Service Bulletin

DATE 28 May 1974

NUMBER 2901 40002

<p><b>ATTENTION: SERVICE MANAGERS and Owners</b></p>	<p><b>GROUP</b></p>																														
<p><u>DESCRIPTION</u></p>	<p>1</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>SUBJECT</u></p> <p>INSTALLATION OF TRAILER HITCH SUPPORT KIT</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>MODEL (S) AFFECTED</u></p> <p>2900R Serial numbers 00441 and up only</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 complete installation price upon request.</p>	<p>(Factory Use Only) Information added to:</p> <p><u>OWNER MANUAL (S)</u></p> <p><u>SERVICE MANUAL (S)</u></p>																														
<p><b>OWNERS - NO CHARGE OF LABOR RVD/P/N 0000000000</b></p> <p><b>AS OBTAINED IN THIS BULLETIN</b></p> <table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>PART NUMBER</th> <th>QUANTITY PER KIT</th> </tr> </thead> <tbody> <tr> <td>HITCH ASSY (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>	DESCRIPTION	PART NUMBER	QUANTITY PER KIT	HITCH ASSY (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	<p><u>PARTS MANUAL (S)</u></p> <p><u>WARRANTY MANUAL (S)</u></p> <p><u>OTHER</u></p>
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- NOTES: 1. Metal stamped to read:  
FMC CORPORATION  
SAE CLASS 2 HITCH  
3500 LB. GROSS LOAD  
500 LB. MAXIMUM TONGUE LOAD
2. The coupling platform does not include the ball-socket type coupling.

SUBJECT

INSTALLATION OF TRAILER HITCH SUPPORT KIT

ACCOMPLISHMENT INSTRUCTIONS

MODEL (S) AFFECTED

2900R  
Serial numbers  
00441 and up  
only

(Factory Use Only)  
Information added to:

OWNER MANUAL (S)

SERVICE MANUAL (S)

PARTS MANUAL (S)

WARRANTY MANUAL (S)

OTHER

- To install a trailer hitch support kit proceed as follows:
- 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.
  - B. Lift bumper free of coach.
  - C. Remove eight bolts, lockwashers, and nuts securing bumper springs to frame extensions.
  - D. Lift two springs free of coach.
  - E. Stow springs as they are not used when trailer hitch support is installed.
  - 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.
  - G. Locate and drill two 17/32 diameter holes in bottom flange of bumper using bracket 5101976 as template.
  - 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.
  - J. Install two bracket halves (5101778-08) 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.
  - 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.

*John L. Strever*  
John L. Strever  
Service Manager