



Non-Bumper Mount Kit for RICO Drop Down Spare Tire Carrier Accessory Kit

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The Non-Bumper Mount Kit was designed to allow mounting of the RICO Drop Down Spare Tire Carrier Accessory Kit on those HMMWV not currently equipped with bumpers.

HMMWV DROP DOWN SPARE TIRE CARRIER INSTRUCTIONS			
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APPROVED BY:	Dave Mueller	ISSUE DATE:	12-Jan-2005
SIGNATURE:		REVISION:	A
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SECTION 1: IDENTIFICATION OF APPLICABLE HMMWV MODELS

This Non-Bumper Mounting Kit is specifically designed to be used in conjunction with the RICO Drop Down Spare Tire Carrier Accessory Kit and can be installed on the frame rail of the following HMMWV Family vehicles not equipped with an external (airlift) rear bumper.

- M1025A2 Armament Carriers.
- M1114 Up-Armored Armament Carriers.
- M1097, M1097A1, and M1097A2 Heavy Variant Cargo/Troop Carriers not carrying a shelter.
- XM1151 Armament Carriers
- XM1152 Heavy Variant Cargo/Troop Carriers not carrying a shelter.

SECTION 2: TOOLS REQUIRED FOR KIT INSTALLATION

The following tool list represents the minimum tool requirements to properly install the Non-Bumper Mounting Kit t:

- 1/2" Drive Torque Wrench (250 ft-lbs maximum)
- Socket (or Sockets) for the above
- 3/4" Open End Wrench

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SECTION 3: KIT CONTENTS

The Non-Bumper Mounting Kit includes the following items shown in Figure 3-1. (NOTE. Hardware not shown):

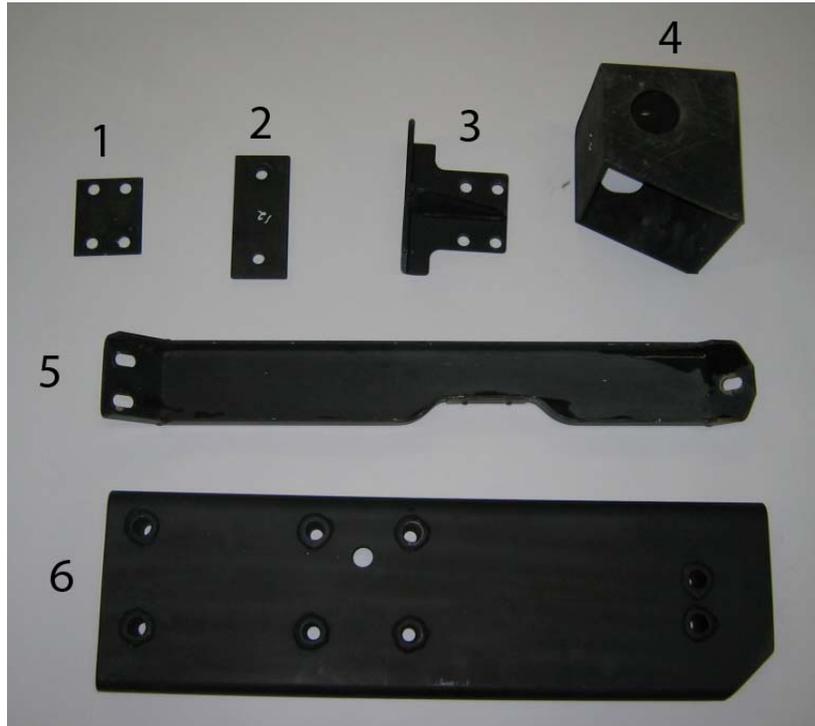


FIGURE 3-1

ITEM	QTY	DESCRIPTION	MANUFACTURE
ITEM 1	1	Spacer, Rear Bumper Bracket	AM General
ITEM 2	1	Spacer, Bumper Mount	RICO
ITEM 3	1	Bracket Weldment, Inner	RICO
ITEM 4	1	Bracket, Outer Bumper Mount	AM General
ITEM 5	1	Bracket, Bumper RH	AM General
ITEM 6	1	Bumper, Conversion	RICO
Not Shown	4	1/2-13 x 4-1/2 Capscrew	
Not Shown	4	1/2-13 Lock Nut	
Not Shown	4	1/2 Washer	
Not Shown	1	1/2-13 x 3 Capscrew	
Not Shown	1	1/2-13 Lock Nut	
Not Shown	1	1/2 Washer	

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SECTION 4: INSTALLATION INSTRUCTIONS

The Non-Bumper Mounting Kit is designed to mount on the passenger side of the HMMWV. The following steps detail the proper installation of the spare tire carrier.

Figure 4-1 shows the general arrangement kit prior to installation on the HMMWV.



FIGURE 4-1

Figure 4-2 shows the general arrangement of how the kit is assembled to the HMMWV frame rail prior to installation of the Conversation Bumper.

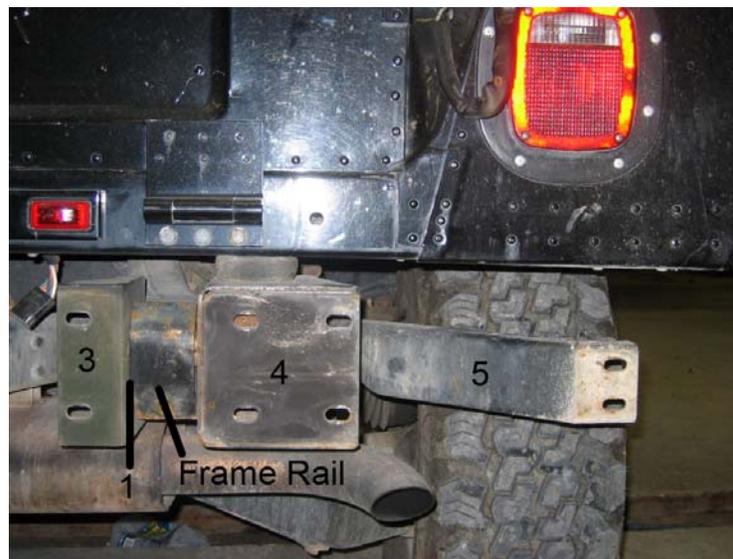


FIGURE 4-2

HMMWV DROP DOWN SPARE TIRE CARRIER INSTRUCTIONS			
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Figure 4-3 shows the Non Bumper Mount Kit fully installed on the HMMWV plus the Drop Down Spare Tire Bumper Lock and Pivot Mount. The D-ring is not currently included in either kit.



FIGURE 4-3

Figure 4-4 shows the Drop Down Spare Tire Carrier Accessory Kit fully mounted to the Non Bumper Mount Kit.



FIGURE 4-4

HMMWV DROP DOWN SPARE TIRE CARRIER INSTRUCTIONS			
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SECTION 5: REPAIR PARTS

Repair Parts may be ordered from: BPR/RICO Equipment, Inc. (Cage 0ZM57)
120 North State Road
Medina, OH 44256 USA

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