



## OPERATION, SERVICE AND PARTS OF REAR MOUNTING KIT

### SAFETY PRECAUTIONS

**If any operating, services or parts problems are encountered, please call G&B Specialties, Inc. for technical assistance.**



- Failure to heed to any of the following warnings could result in severe bodily injury and/or equipment damage.
- Read and understand this manual completely before attempting operation of the railgear equipped vehicle.
- Operating instructions provided below only address the Rafna railgear equipment. Applicable railway company procedures and policies must be adhered to.
- Railway company rules governing rail travel must be observed at all times.
- Before performing any work under the vehicle or railgear, ensure the engine is turned off and the parking brake is set.
- Never operate the vehicle if the Gross Vehicle Weight Rating (GVWR), Gross Axle Weight Rating Front or Rear (GAWR), or the wheel or tire load ratings are exceeded.



### OPERATION OF REAR MOUNTING KIT

With the rear mounting kit installed on this vehicle, it may be operated as normal.

Never operate the vehicle if the Gross Vehicle Weight Rating (GVWR), Gross Axle Weight Rating Front or Rear (GAWR), or the wheel or tire load ratings are exceeded.

### SERVICE OF REAR MOUNTING KIT

The rear mounting kit must be serviced regularly to avoid damage to the equipment. Table 1 below provides the Recommended Service Schedule and Table 2 provides Standard Fastener Torque Values.

Table 1: Recommended Service Schedule

Service Required	Initial 100 km (62 Miles) of road and/or rail use	Daily	Weekly	Monthly
Inspect rear mounting kit fasteners (re-torque if required)		✓	✓	✓

Table 2: Standard Fastener Torque Values

Fastener Size	Fastener Torque Value (ft-lbs) Dry
1" UNC Gr. 8 Fasteners	250
3/4" UNC Gr. 8 Fasteners	175
5/8" UNC Gr. 8 Fasteners	150
1/2" UNC Gr. 8 Fasteners	100
3/8" UNC Gr. 8 Fasteners	40
1/4" UNC Gr. 8 Fasteners	12



**PARTS OF REAR MOUNTING KIT**

**SHORT BOX VEHICLES**

**LONG BOX VEHICLES**

ITEM	PART NO.	DESCRIPTION	QTY
1	R-2983D	REAR MOUNTING PLATE - LEFT SIDE	1
2	R-2983P	REAR MOUNTING PLATE - RIGHT SIDE	1
3	R-2980	RAILGEAR MOUNTING SHIM - 1/2" THICK (USE AS REQUIRED)	4
4	R-2980A	RAILGEAR MOUNTING SHIM - 1" THICK (USE AS REQUIRED)	2
5	R-2631	RAILGEAR MOUNTING SHIM - 2" THICK (USE AS REQUIRED)	2
6	R-2438	FRAME WASHER	2
7	-	1/2" UNC. GR. 8 BOLT X 1.75" LONG	4
8	-	1/2" UNC. GR. 8 BOLT X 2" LONG	8
9	-	1/2" UNC. GR. 8 BOLT X 2.25" LONG	6
10	-	1/2" GR. 8 WASHER	36
11	-	1/2" UNC. GR. 8 NYLOCK NUT	18
12	-	REAR BUMPER BRACKET	N/A
13	-	VEHICLE FRAME	N/A

**RAFNA INDUSTRIES LTD.**  
19300 CLARK-GRAHAM  
BAIE D'URFE, QUEBEC  
(514) 457-4373

DESCRIPTION: REAR MOUNTING KIT  
REFERENCE:  
MAT'L:  
P/N: K-M29XRGR001 DATE: FEB/17/03  
DRAWN: RH APPR:  
DIM: INCHES SCALE: 1:1  
SHEET: 1 OF 1 DWG#:K-M29XRGR001