



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 Industries 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

NOTES:
1. LEFT SIDE SHOWN

WEIGHT (LBS):

REV	CHANGE	BY	DATE
	RAFNA INDUSTRIES LTD		
	A Global Railway Industries Company 19300 Clerk-Graham, Bois de l'Arbre, Quebec Tel: (514) 457-4373 Fax: (514) 457-3567		
	DESCRIPTION: REAR MOUNTING KIT		
	TOLERANCE (UNLESS SPECIFIED): IMPR		
	3 DECIMAL PLACES ±0.016"		
	2 DECIMAL PLACES ±0.031"		
	ANGULAR DIMENSIONS ±1°		
	ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN INCHES		
		DRAWN: MER	DATE: NOV/22/04
		CHECKED: K	DATE: M29XRFR001
		REV: 1	REV: 1

TOWARDS REAR OF VEHICLE

ITEM	PART No.	DESCRIPTION	QTY
1	R-2951D	REAR MOUNTING PLATE - LEFT SIDE	1
2	R-2951P	REAR MOUNTING PLATE - RIGHT SIDE	1
3	R-2960	RAILGEAR MOUNTING SHIM - 1/2" THICK (USE AS REQUIRED)	4
4	R-2960A	RAILGEAR MOUNTING SHIM - 1" THICK (USE AS REQUIRED)	2
5	R-2631	RAILGEAR MOUNTING SHIM - 2" THICK (USE AS REQUIRED)	2
6	-	5/8" UNC GR.8 BOLT X 2.25" LONG	10
7	-	5/8" GR.8 WASHER	20
8	-	5/8" UNC GR. 8 NYLON INSERT LOCK NUT	10
9	-	VEHICLE FRAME	N/A