



OPERATION, SERVICE AND PARTS OF FRONT 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 FRONT MOUNTING KIT

With the front mounting kit installed on this vehicle, it may be operated as normal, however the front bumper is located further forward than standard. Side wands are located on the front bumper to aid in determining the length and width of the vehicle. Caution must be used when operating the vehicle.

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 FRONT MOUNTING KIT

The front 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

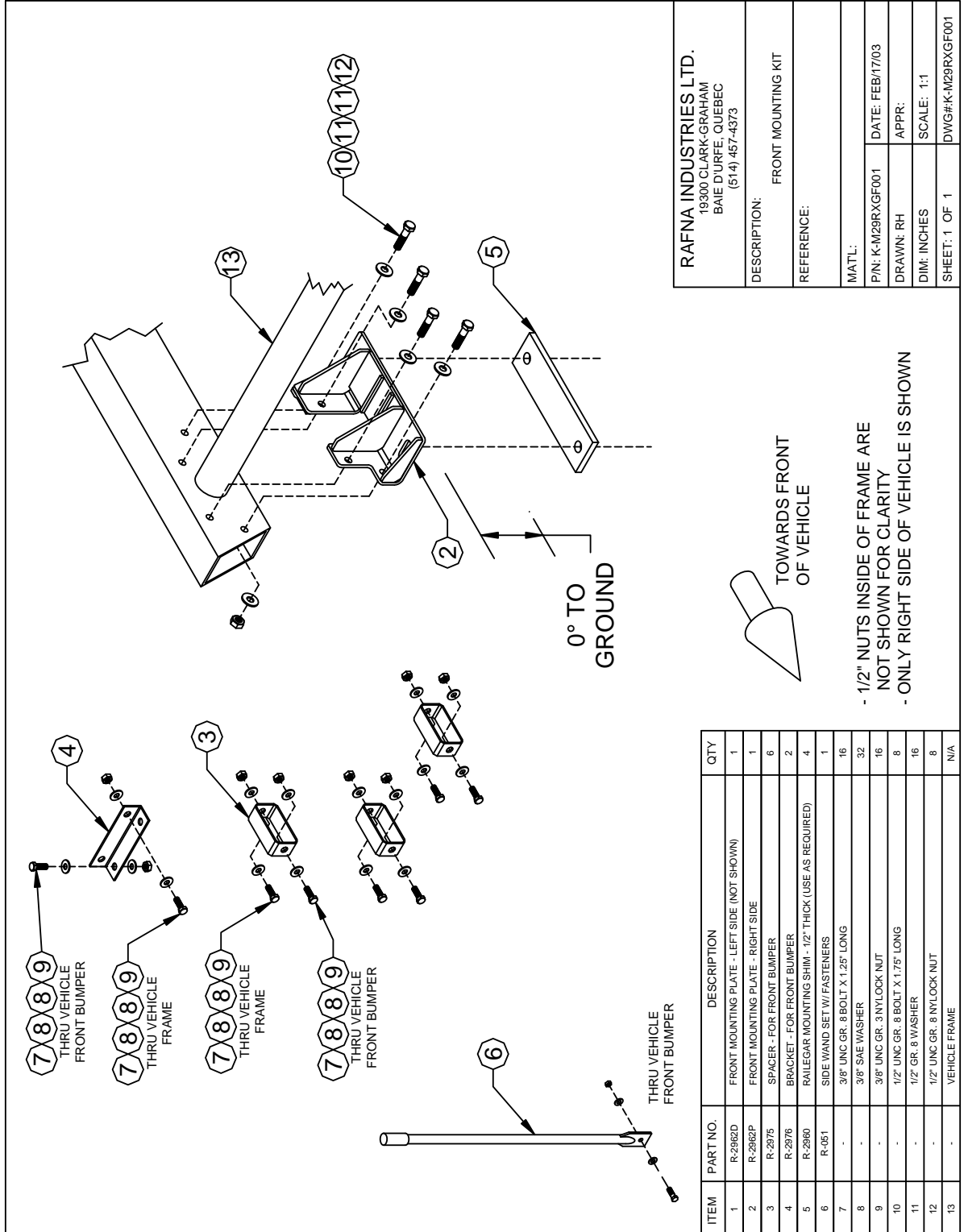
Service Required	Initial 100 km (62 Miles) of road and/or rail use	Daily	Weekly	Monthly
Inspect front mounting kit fasteners (re-torque if required)		✓	✓	✓

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 FRONT MOUNTING KIT



RAFNA INDUSTRIES LTD. 19300 CLARK-GRAHAM BAIE D'URFE, QUEBEC (514) 457-4373	
DESCRIPTION:	FRONT MOUNTING KIT
REFERENCE:	
MATL:	
P/N: K-M29RXGF001	DATE: FEB/17/03
DRAWN: RH	APPR:
DIM: INCHES	SCALE: 1:1
SHEET: 1 OF 1	DWG#: K-M29RXGF001

ITEM	PART NO.	DESCRIPTION	QTY
1	R-2982D	FRONT MOUNTING PLATE - LEFT SIDE (NOT SHOWN)	1
2	R-2982P	FRONT MOUNTING PLATE - RIGHT SIDE	1
3	R-2975	SPACER - FOR FRONT BUMPER	6
4	R-2976	BRACKET - FOR FRONT BUMPER	2
5	R-2960	RAILGEAR MOUNTING SHIM - 1/2" THICK (USE AS REQUIRED)	4
6	R-051	SIDE WAND SET W/ FASTENERS	1
7	-	3/8" UNC GR. 8 BOLT X 1.25" LONG	16
8	-	3/8" SAE WASHER	32
9	-	3/8" UNC GR. 3 NYLOCK NUT	16
10	-	1/2" UNC GR. 8 BOLT X 1.75" LONG	8
11	-	1/2" GR. 8 WASHER	16
12	-	1/2" UNC GR. 8 NYLOCK NUT	8
13	-	VEHICLE FRAME	N/A