



INSTALLATION OF FRONT MOUNTING KIT

SAFETY PRECAUTIONS

If any installation problems are encountered, please call G&B Specialties, Inc. for technical assistance before continuing with the installation process.



- 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 installation of the equipment.
- Installation instructions provided below only address the Rafna railgear equipment. Applicable railway company procedures and policies must be adhered to.
- Before performing any work under the vehicle or railgear, ensure the engine is turned off and the parking brake is set.
- Ensure all removed components are given to the vehicle owner after the installation of the railgear. These components must be re-installed if the railgear is removed from the vehicle.



INSTALLATION OF FRONT MOUNTING KIT

The following procedure details the installation of the front mounting kit. The hardware required for this installation is listed in table 1.

Table 1: Front Mounting Kit Installation Parts

Part Number	Description	Qty
R-1823L	Mounting Bracket (Left Side)	1
R-1823R	Mounting Bracket (Right Side)	1
-	1/2" UNC Gr. 8 Bolt x 1.5" Long	6
-	1/2" Gr. 8 Washer	12
-	1/2" UNC Gr. 8 Nylock Nut	6

1. Remove the front bumper and front tow hooks. The front-most body mount bolt will have to be removed and will be reinstalled later. The tow-hooks will not be re-installed.
2. If it is desired to have the OEM front bumper reinstalled, it will have to be trimmed and modified to fit over the mounting brackets and railgear.
2. Align each of the mounting brackets with the front of the vehicle frame by sliding them onto the frame from the inside toward the outside. The square tube should fit tightly against the bottom of the vehicle frame and the small angle should be tight against the top of the vehicle frame. The mounting brackets should be tight against the front of the vehicle frame.
3. For each of the brackets, install three 1/2" x 1.5" long bolts, six 1/2" washers and three 1/2" nuts as shown. Tighten but do not torque these fasteners.
4. Reinstall the front-most body-mount bolts through the rear-most slots of the mounting brackets.
5. Torque the 1/2" fasteners to 100 ft-lbs dry. Do not over torque. Torque the body mount bolt to OEM specifications.



NOTES:

1. LEFT SIDE SHOWN.
RIGHT SIDE IS A MIRROR IMAGE.

WEIGHT (LBS):

Rev	CHANGE	BY	DATE

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DESCRIPTION:
FRONT MOUNTING KIT

TOLERANCE (UNLESS SPECIFIED): APPR. DATE:
FINISH: LE DATE: OCT/21/04
1 DECIMAL PLACES .50 .031"
2 DECIMAL PLACES .03 .008"
3 DECIMAL PLACES .01 .003"
ALL DIMENSIONS IN INCHES SHEET: 1 OF 1 PART NUMBER: K-M15RXDF002 REVISION: 0

FRONT OF VEHICLE

ITEM	PART No.	DESCRIPTION	QTY
1	R-1823L	MOUNTING BRACKET (LEFT SIDE)	1
2	R-1823R	MOUNTING BRACKET (RIGHT SIDE) - NOT SHOWN	1
3	-	1/2" UNC GR. 8 BOLT X 1.5" LONG	6
4	-	1/2" GR. 8 WASHER	12
5	-	1/2" UNC GR. 8 NYLOCK NUT	6
6	-	VEHICLE FRAME	N/A
7	-	OEM FRONT BODY MOUNT FASTENER	N/A

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