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**2004-2013
YAMAHA RHINO
UNDERCARRIAGE
MOUNTING INSTRUCTIONS
(PART NO. LTA12761)**

WARNING

Always follow the vehicle manufacturers' recommendations relating to system installation.

Due to the variety of equipment that can be installed on this vehicle, it is necessary to verify that the Gross Vehicle Weight Rating (GVWR) is not exceeded at any time. This may require weighing the vehicle and adding ballast as necessary. It may also limit payload capacity of the vehicle. It is the operator's responsibility to verify that these ratings are not exceeded.

2004-2013 YAMAHA RHINO UNDERCARRIAGE MOUNTING INSTRUCTIONS

The mounting procedure outlined below covers 2004-2013 Yamaha Rhino models. You will need to refer to the illustrations and familiarize yourself with each of the undercarriage components and their relative position to each other. Then proceed as follows:

1. Remove seven bolts from vehicles front plastic skid plate.
2. Using four 3/8" X 2"ID X 3" Square U- Bolts (A), attach Skid Plate Assembly (1) to frame tubes. Make sure Skid Plate Assembly (1) is centered on vehicle. Fasteners should be snug.
3. Mark the four hole locations on front of vehicles metal Skid Plate.
4. Remove Skid Plate Assembly (1).
5. Using a 7/16" drill bit, drill through the four marked hole locations on front of vehicles metal Skid Plate.
6. Using four 3/8"-16 X 1-1/4" Hex Head Bolts (B), and 3/8"-16 Nylon Lock Nuts (C), loosely attach the Skid Plate Assembly (1).
7. Using four 3/8" X 2"PDFID X 3" Square U- Bolts (A), loosely fasten to frame tubes.
8. Tighten all fasteners to recommended torque found in **Figure 2**.

2004-2013 YAMAHA RHINO UNDERCARRIAGE INSTALLATION PROCEDURE

REF. NO.	DESCRIPTION	PART NO.	QTY.
1	Skid Plate Assembly, Yamaha Rhino, 04-13	LTA12762	1
2	Support Plate, Yamaha Rhino, 04-13	LTA12768	2
	Hardware Kit, UC, Yamaha Rhino, 04-13	HDW12765	1
Includes:			
A	3/8"-16 X 2 "ID X 3" Square U-Bolt	HDW12767	4
B	3/8"-16X1-1/4" GR5 Hex Head Bolt	HDW01771	4
C	3/8"-16 Nylon Lock Nut	HDW01720	12

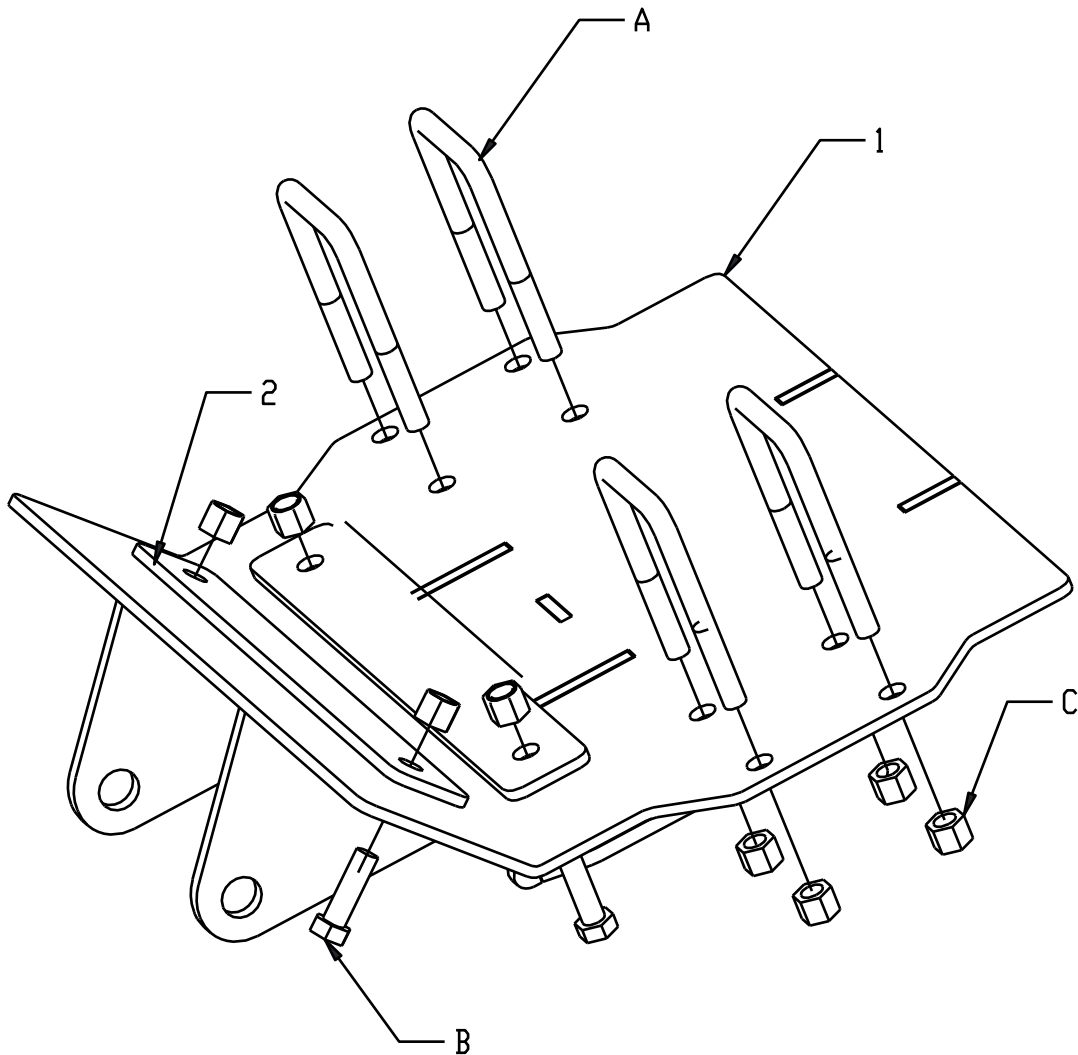


Figure 1

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RECOMMENDED SUSPENSION SETTINGS

- HD Spring kit recommended.
- Increase preload of front springs to highest setting. See manufacturer's specifications for proper adjustment procedure.

GUIDE TO RECOMMENDED ASSEMBLY TORQUE



DIAMETER / PITCH	GRADE 5	GRADE 8	GRADE 8.8	GRADE 10.9
1/4-20	6	9		
5/16-18	14	19		
3/8-16	23	33		
7/16-14	38	53		
1/2-13	56	80		
9/16-12	82	116		
5/8-11	113	159		
3/4-10	201	283		
M10 X 1.25			36	
M10 X 1.5				49
M12 X 1.75				71
M14 X 2.0				80

ALL TORQUE VALUES ARE IN FOOT-POUNDS (FT.-LB.)

Figure 2

G10410

* The torque values listed above are based on dry, coated bolts, variables such as oil, or other lubrications may appreciably alter these values and must be taken into consideration.

NOTE: IT IS IMPORTANT THAT ALL FASTENERS BE PROPERLY TORQUED TO ASSURE A SAFE OPERATING PLOW. RE-TIGHTEN ALL FASTENERS AFTER 2 HOURS OF PLOWING.