

GO RHINO! PRODUCTS 3000 SERIES INSTALLATION INSTRUCTIONS

2002 JEEP LIBERTY 2/4WD PART NO. 3645M

REV.A 2/02

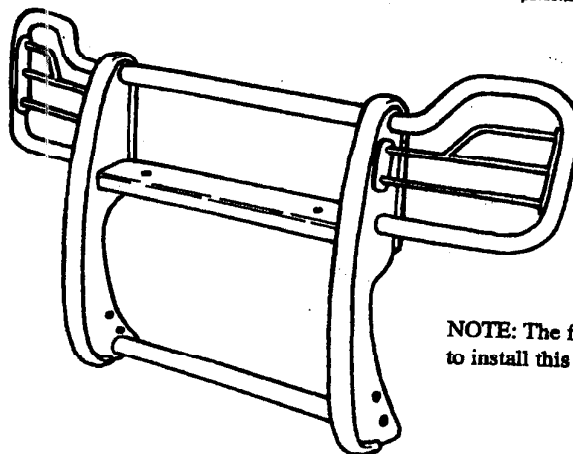
QTY	PARTS DESCRIPTION
2	NYLON FLANGE WASHERS
2	1/4" SOCKET SCREWS
2	1/4" X 3/4" BUTTON HEAD BOLTS
2	5/16" X 1" HEX BOLTS
6	3/8" X 1" HEX BOLTS
4	3/8" FLAT WASHERS
6	3/8" LOCK WASHERS
4	3/8" HEX NUTS
8	1/4" X 1 1/2" HEX BOLTS
8	1/4" FLAT WASHERS
8	1/4" LOCK WASHERS
4	1/4" HEX NUTS
2	1264A UPPER MOUNTING BRACKETS
1	1264BD DRIVER SIDE NUT PLATE
1	1264BP PASSENGER SIDE NUT PLATE
1	1264CD DRIVER SIDE LOWER MOUNTING BRACKET
1	1264CP PASSENGER SIDE LOWER MOUNTING BRACKET

WARNING!

Carefully read all the instructions prior to attempting to install this product. If you are not familiar with using workshop tools or with workshop safety practices, take the product and vehicle to a skilled installer. Go Rhino! Products accepts no responsibility for any damage or injuries that may result from the product(s) being incorrectly installed. Before attempting to install accessories, park the vehicle on flat level ground, apply the emergency brake and disconnect the battery. If installation requires the use of a jack or lift, use only one with the correct load rating for the

vehicle, follow the manufacturer's instructions and use wheel chocks.

After installation, check the operation of all lights and turn signals, periodically check all fasteners for tightness. Retighten only loose fasteners as over-tightening snug fasteners can result in breaking or stripping them. Failure to maintain tightness of fasteners could result in the product detaching itself from the vehicle and possibly jamming wheels etc. This condition could cause serious personal bodily injury.



NOTE: The factory tow hooks must be removed to install this grille guard assembly.

ASSEMBLY INSTRUCTIONS

STEP 1. BEGIN THE ASSEMBLY BY LOOSELY ATTACHING THE BOTTOM TUBE TO THE GRILLE GUARD SIDE PLATES USING THE 5/16" X 1" HEX HEAD BOLTS.

STEP 2. SLIDE THE BRUSH GUARDS THROUGH THE SIDE PLATES, FLANGED WASHERS AND INTO THE TOP TUBE.

STEP 3. ATTACH THE CENTER PLATE TO THE SIDE PLATES AND BRUSH GUARDS USING THE 3/8" X 1" HEX BOLTS, LOCK WASHERS, AND HEX NUTS.

STEP 4. ALIGN THE GRILLE AND BRUSH GUARD ASSEMBLY AND TIGHTEN ALL NUTS AND BOLTS. NOTE: SECURE THE TOP TUBE USING THE 1/4" SOCKET SCREWS.

STEP 5. ATTACH THE HEAD LIGHT PROTECTORS TO THE BRUSH GUARDS USING THE 1/4" X 3/4" BUTTON HEAD BOLTS AND TO THE SIDE PLATES USING THE 5/16" X 1" BUTTON HEAD BOLTS AND LOCK NUTS.

INSTALLATION INSTRUCTIONS

1) Thoroughly check parts list and completely read all instructions to make sure all contents are included and that you have all the necessary tools to completely and safely finish the installation.

2) Pre-inspect all components for scratches, dents, etc...
If installation is performed before inspection, this could void the warranty.

3) Beginning with the passenger side, look through the opening in the bumper and locate the holes in the bottom of the steel bumper section.

4) Insert Nut plate (1264BP) up through the large hole in the bottom of the bumper. NOTE: Insert the end with the offset weld nut first and align the bracket with the large and small round holes in the bumper. (See Figure 1)

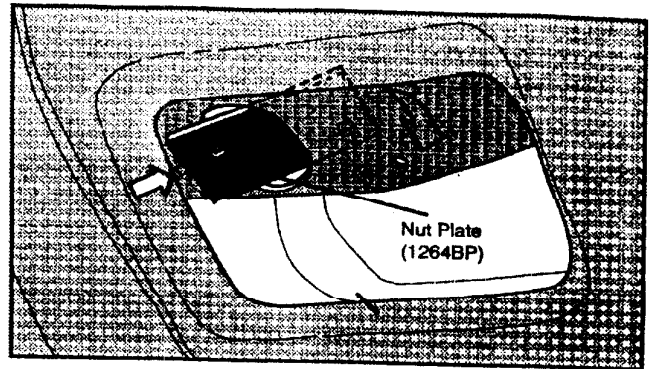


Figure 1

5) Attach the Lower Mounting Bracket (1264CP) to the bottom of the bumper using the Nut plate, 1/2" x 1 1/2" Hex Bolts, Washers and Nuts. (See Figure 2)

6) Repeat steps 4 & 5 for the driver side.

7) Attach the grille guard assembly to the outside of the Lower Brackets using the 1/2" x 1 1/2" Hex Bolts, Washers and Nuts. **FINGER TIGHTEN ONLY**

8) Open the hood, locate and remove the two torx head screws securing the top of the grille. Attach the Upper Brackets (1264A) to the grille using the torx screws, and to the bottom of the grille guard top tube using the 1/4" x 3/4" Button Head Bolts. (See Figure 3)

9) Align the grille guard assembly with the front of the vehicle and completely tighten all nuts and bolts.

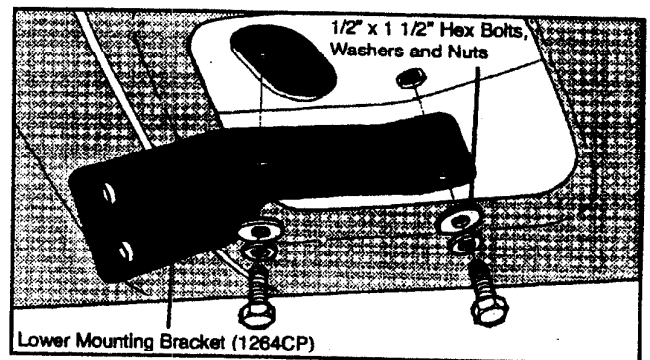


Figure 2

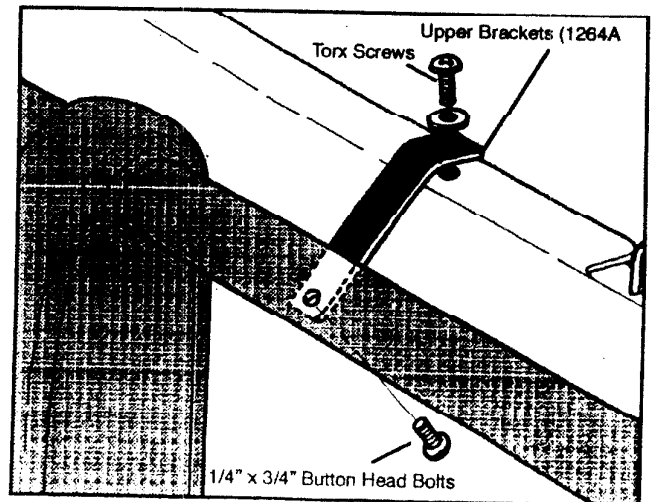


Figure 3