

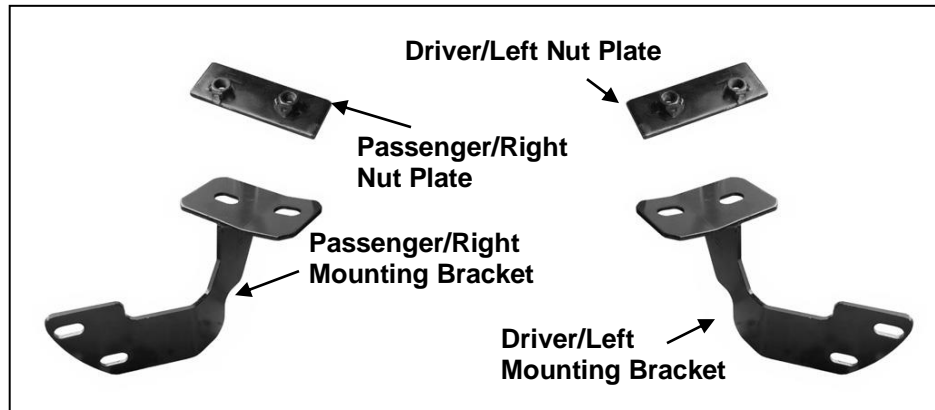


INSTALLATION INSTRUCTIONS

**2.5" BLACK BULL BAR W/O SKID PLATE
FOR DODGE NITRO 07-11/JEEP LIBERTY 02-11
PART # BB071103A**

PARTS LIST:

1	Sport Bar	4	12-1.75mm x 35mm Hex Bolts
1	Driver/Left Side Mounting Bracket	4	12-1.75mm x 30mm Hex Bolts
1	Passenger/Right Side Mounting Bracket	4	12mm Lock Washers
1	Driver/Left Side Double Nut Plate	12	12mm x 24mm OD x 2.5mm Flat Washers
1	Passenger/Right Side Double Nut Plate	4	12mm Nylon Lock Nuts

**PROCEDURE:**

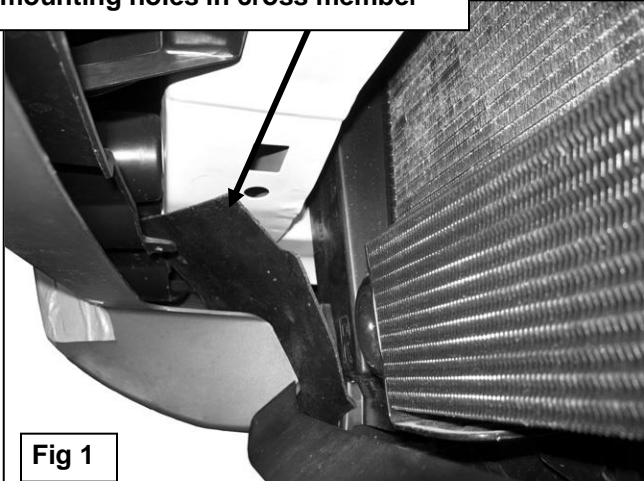
- 1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. CUTTING MAY BE REQUIRED.**
- From under the front of the vehicle, remove the passenger and driver side rubber splash guards on the outer ends of the lower opening in the bumper to access the bottom of the crossmember, **(Figure 1)**.
IMPORTANT: Depending on model and year, the lower opening may also be filled with a plastic grille. It will be necessary to cut off and remove the ends of the plastic grille if the opening is filled, **(Figure 2)**, to access the crossmember.
- Locate the factory holes in the bottom of the crossmember through the opening in the bumper, **(Figures 1 & 4)**. **NOTE:** Remove factory tow hooks if equipped, **(Figure 3)**. Tow hooks will not be reinstalled.
- Insert the passenger side 12mm Double Nut Plate through the large hole with the flat side down against the crossmember, **(Figures 4 & 5)**. Line up the offset welded hex nuts on the Nut Plate with the existing holes, **(Figure 6)**.
- Reinstall rubber splash guard if equipped.
- Select the passenger side Mounting Bracket, **(Figure 5)**. Line up the plate on the Bracket with the holes in the crossmember and the Nut Plate. Hang the Bracket from the Nut Plate with (2) 12mm x 35mm Hex Bolts, (2) 12mm Lock Washers and (2) 12mm Flat Washers, **(Figure 7)**. Snug but do not fully tighten hardware at this time.
- Repeat **Steps 3 - 6** for driver side Mounting Bracket installation.
- Carefully unwrap and position the Sport Bar onto the outside of the Mounting Brackets. Bolt the Sport Bar to the Mounting Brackets with (4) 12mm x 30mm Hex Bolts, (8) 12mm Flat Washers and (4) 12mm Nylon Lock Nuts, **(Figure 7)**. Do not tighten hardware.
- Level and adjust the Sport Bar as desired and tighten all hardware at this time.
- Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

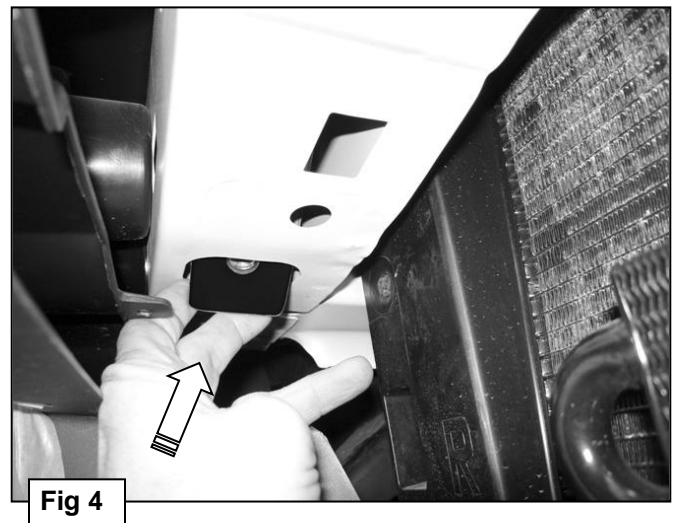
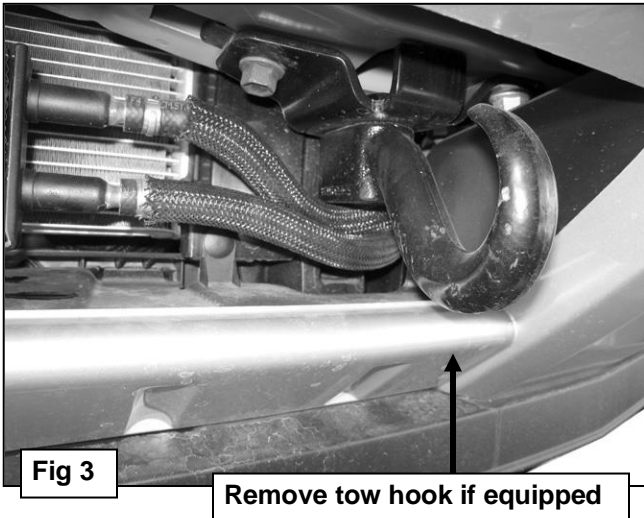
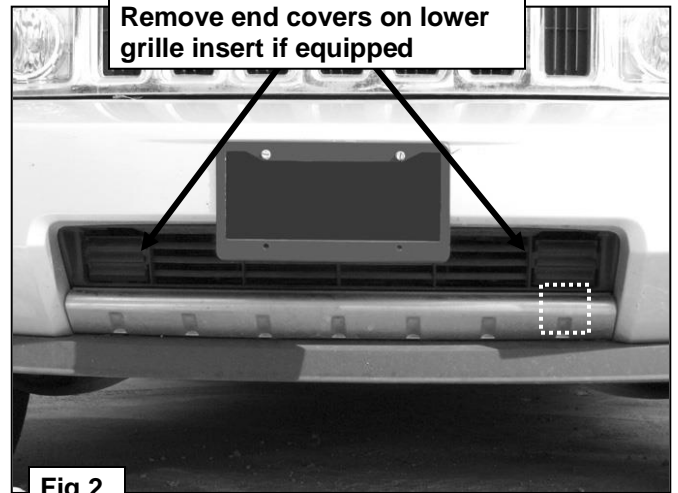
For stainless steel: Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the Sport Bar.

For gloss black finishes: Mild soap may be used to clean the Sport Bar.

Move plastic splash guard to locate mounting holes in cross member



Remove end covers on lower grille insert if equipped



Insert Nut Plate into large opening in cross member

NOTE: Match offset Nut Plate with hole pattern on Bracket

(Fig 5) Passenger side Bracket and Nut Plate pictured

Line up the offset welded hex nuts on
Plate with factory holes in cross member



(Fig 6) Driver side installation pictured

(2) 12mm x 35mm Hex Bolts
(2) 12mm Lock Washers
(2) 12mm Flat Washers



(Fig 7) Passenger side installation pictured

(2) 12mm x 30mm Hex Bolts
(4) 12mm Flat Washers
(2) 12mm Nylon Lock Nuts



Dodge Nitro Installation



Jeep Liberty Installation