

### **Installation Instructions**

## Perma Shine Polished Stainless and Black Powder coated Bumpers

# Part No. 8449/7649 Front or Rear Double Tube Bumper, 76-06 Jeep® CJ& Wrangler

#### **Parts List:**

1-Bumper 2-Rear Mount Brackets L & R 10-10mm Bolts

10-10mm Nuts18-10mm Flat Washers10-10mm Lock Washers8-12mm Bolts8-12mm Nuts16-12mm Flat Washers

8-12mm Lock Washers

#### **Installation:**

#### Front:

- 1) Remove factory Front bumper and brackets.
- 2) Remove Torx bolts from front Bumper assembly. 2 located on each frame member on top of the Bumper. 1 located underneath on bottom of frame
- 3) Place bumper over frame and locate the holes over existing holes in the frame.
- 4) Replace Torx bolts tighten to 45lbs torque



#### Rear:

- 1) Remove factory rear bumper
- 2) Locate left and right rear bumper brackets. Place left bracket with large tabs facing outwards, toward the inside centerline of the vehicle. On 76-95 Wranglers/CJ's the holes in the frame will line up. On 96-06 Wranglers the outer holes will be located in the bumper mount frame, the inner holes will need to be drilled. Warning, drill very carefully through the bumper mount frame as the fuel tank is located directly behind the bumper mount frame. Attach brackets with 4-10mm bolts, flat washers, lock washers and nuts supplied for each bracket. Tighten to 45lbs torque.

Note: 76-06 Wrangler also will require 10mm bolts through the tab located on the bottom of the brackets into the captured nut in the frame. Tighten to 25Lbs torque





- 3) Locate the rear bumper onto the mounting brackets and attach through the top and bottom of the brackets with 8-12mm bolts, flat washers, lock washers and nuts supplied. Tighten to 45lbs torque.
- 4) Warning: It is recommended not to exceed any tongue weight in excess of 200 lbs and 1000 lb gross weight of trailer.

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