



## 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:**

<b>1-Bumper</b>	<b>2-Rear Mount Brackets L &amp; R</b>	<b>10-10mm Bolts</b>
<b>10-10mm Nuts</b>	<b>18-10mm Flat Washers</b>	<b>10-10mm Lock Washers</b>
<b>8- 12mm Bolts</b>	<b>8-12mm Nuts</b>	<b>16-12mm Flat Washers</b>
<b>8-12mm Lock Washers</b>		

##### **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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