



Installation Instructions

Perma Shine Polished Stainless and Black Powder Coated Bumpers

Part # 8449/7649 Front or Rear Double Tube Bumper for 1987 - 2006 Jeep Wranglers.
Note: Will fit 1976 - 1986 Jeep CJ vehicles with modification (drilling required)

Please follow instructions for ease of installation and correct fit.

PARTS LIST:

- 1 - Bumper
- 2 - Rear Mount Brackets L & R
- 10 - 12mm Bolts
- 8 - 12mm Nuts
- 18 - 12mm Flat Washers
- 10 - 10mm Lock Washers



Installation - Front

- 1) Remove factory front bumper
- 2) Remove Torx bolts from front bumper assembly. There are 2 located on each frame rail.
- 3) Place new Rampage bumper over frame and locate holes over existing holes in frame.
- 4) Replace Torx bolts and tighten to 45ftlbs.

Installation - Rear

- 1) Remove factory rear bumper. Most have 2 bolts per side. TJs have a 3rd bolt coming up from the bottom
- 2) Locate the left and right rear bumper mounting brackets supplied in the kit. Place left bracket with the large tabs to the inside. See Figure A. On 1987-1995 YJ Wranglers, the holes will line up on the frame and brackets. 1976-1986 CJ-7s may have some variance in the holes on the Jeep and may require drilling. On 1997-2006 TJ Wranglers the outer holes of the brackets will line up with holes on the Jeep and the inner holes will need to be drilled. Use the brackets as a template to mark and drill your holes. **Warning, drill very carefully through the rear crossmember as the fuel tank is located directly behind it.** 1997-2006 TJ Wranglers will also utilize a lower tab for a vertical bolt into a pre-threaded hole in the frame.
- 3) Repeat for right side.
- 4) Locate the rear bumper onto the mounting brackets. Attach using 4 - 12mm bolts, lock washers, flat washers and nuts. Tighten to 45ftlbs.

