



**Master Your Terrain**

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**Extreme Duty Winch Bumper install manual  
Jeep Cherokee/Comanche XJ/MJ**

**Installation Instructions**

Congratulations for purchasing a T&T Customs, Inc. Extreme Duty Winch Bumper kit for your Jeep Cherokee/Comanche. Begin by unpacking your kit and comparing the contents to the packing list provided as attachment “A” to this manual. Please observe proper shop safety procedures when performing this install. Use proper eye and hearing protection as required and use safe jack stands/supports, placed appropriately for supporting the vehicle while you work on it.

**STEP 1: Removal of Factory Bumper**

Begin by removing the factory or aftermarket front bumper. The only hardware that will be reused are the four [4] sway bar bolts. Remove the three [3] factory steering box bolts. You do not need to remove the power steering box, unless you are installing the XD 4 bolt steering conversion [See XD 4 Bolt manual].

**STEP 2: Exterior Plate Installation**

Select the Driver’s side & Passenger side exterior support plates and place them on the chassis. Secure them with the 10mm X 1.5 X 30mm bolt provided and the 2 bolts that secure the sway bar to the chassis, do not tighten at this time. This will position the exterior plates in their approximate position, final position will be determined in a subsequent step.

**STEP 3: Inner Plate Installation**

*Note: If you purchased the inner steering plate you will now install it. If you are retaining the stock aluminum spacer some steps may not apply.*

Remove the factory aluminum spacer. Place a 1.00 x .250" Crush sleeve in the hole located between the three steering box bolts. Install the new inner steering plate. Secure the inner steering plate by installing a 7/16" x 3.5" Grade 5 bolt [with washers] from the inside of frame through the hole with the crush sleeve in it. The power steering box may need to be moved out of the way to do this.

*Note: This bolt must be installed this way, or it will interfere with the steering box*

**STEP 4: Hardware installation**

Now that you have secured both inner and outer plates install the remaining hardware. The 0.75 x .120" Crush sleeves are to be installed in the rear-most outer plate location [Driver and Passenger side]. Reattach the steering box with the 7/16" Grade 8 bolts. Once you have the remainder of the hardware installed on the outer plates, tighten and torque everything. Tighten the steering box bolts to 65 ft-lbs and all remaining hardware to 35 ft-lbs.

**STEP 5: Bumper Installation**

Both exterior plates, as well as the interior plate should now be installed. If you are attaching a winch to the bumper it is *highly* recommended that you install it prior to installing the bumper. A test fit may be required before hand to make sure the winch clears the grill. Now [*with the help of an assistant*] locate the 7/16" x 1" bolts, nuts, and washers. Install the bumper over the exterior plates, and loosely install the hardware.

Once all of the hardware is installed, and the bumper is level, tighten all hardware.

**Appendix A****Parts List:**

2 - Exterior plates

1 - Interior plate *[optional]*

**Hardware kit:**

- 2ea 1.000" X .250" X 2.3125" spacers
- 2ea .750" X .120" X 2.500" spacers
- 8ea 7/16 X 1" bolts
- 2ea M10 X 30mm bolt
- 3ea 7/16 X 4½ bolts
- 4ea 7/16 X 3½ bolts
- 25ea 7/16 flat washers
- 12ea 7/16 top lock nuts