



WJ Stubby Bumper - Installation

1999-2004 Jeep Grand Cherokee WJ
Part number: DPL-WJ-RSP, Revision 3/30/18

Thank you for purchasing the Trail Forged WJ Stubby Bumper. We hope you will be as pleased with this product as we are. Tag us in a review on Facebook and we'll hook you up with 10% off your next order. We love seeing pictures of our products in action too; send photos to info@trailforged.com or tag us on FB or IG for a chance to be our feature rig.

Installation should only be performed by an experienced mechanic, if you do not have all the necessary tools, experience, or confidence to undertake this project, please seek help before beginning. Torque specs are provided on the last page.

Step 1: Remove factory bumper cover. This allows you to gain access to the factory hydroformed radiator support, so it can be removed prior to installation of our replacement. To remove the factory bumper cover, start by disconnecting the fog lights and any other wires connecting between it and the body.

Step 2: Remove the fasteners for the grill. There are 4x 7mm bolts on top of the grill (under the hood), and 3 within the lower portion of the grill slots. Note: on some models these may be phillips screws instead. Once the fasteners are removed, the grill can be removed from the vehicle and set aside.

Step 3: Remove the 3x 6mm fasteners at the very bottom of the bumper cover anchoring it to the factory radiator support. The lower half of the bumper cover should hang free of the structure, At which point you are ready to remove the fasteners for the bumper cover itself. The final fasteners are two 10mm bolts facing downward out where the bumper cover meets the fenders (which can be accessed by pulling the fender liner out of the way). With all fasteners removed, the bumper cover is only being supported by plastic tabs on the fenders, and can be wiggled free. Remove and set bumper cover aside.

Step 4: Grind down angled seam below frame rail to flatten out mounting area. See photo 2.

Step 6: At this point it is time to enlarge the front frame rail openings. Cut the outer vertical portion of the rail as indicated to allow the mounts to shift as far outwards as necessary. Also notch the bottom of the opening as pictured to give the welded nuts on the mount clearance to pass through as well. Once enough room is made, proceed to step 7

Step 7: If your jeep is factory equipped with a front skid plate, remove for installation process.





Step 8: Preparing to install the 6 bolt under-frame reinforcement, you will be required to unbolt the frame side sway bar mounts. It is recommended to do one side at a time so full removal is not necessary. We do recommend keeping these bolts loose to allow adjustment as the bumper and inner mounts are located, to be tightened later. 2 M10 bolts are supplied for the factory skid plate holes.

Note: if you have our Radiator Support as well, it is necessary to unbolt at this time for installation of the 6 bolt frame rail support. The new 6 bolt support will replace the 3/16" spacer plate sandwiched between radiator skid and frame rail, allowing the radiator support to bolt back into the same location as previously.

Step 9: With the 6 bolt reinforcement in place, it is time to install the primary mounts inside the frame rail. Install all 4 locating bolts, but keep them loose for the time being (They will be tightened once the stubby is mounted).

Step 10: At this point it is time to chop out the center frame rail crossmember to make room for a winch. To do this, it is recommended to remove the header panel for easy access. Begin by opening the hood and removing the 4 T30 Torx screws above the grill and headlights. Next, under each headlight is another T30 Torx, At this point all the fasteners are removed, and the only thing retaining the header panel are plastic clips outboard of each headlight attaching it to the outer fender. These clips can be a nuisance, but pop free without too much hassle. Be careful to disconnect the headlight connectors and temperature sensor before pulling the header panel away, then set it aside for reinstallation later. Next step is removing the hood latch support bars which require a 13mm wrench for two nuts up top, and the same T30 Torx for two bolts at the bottom. With that removed, you can proceed to cutting the sheetmetal out. Cut along the inside of the frame rails as indicated in the corresponding pictures, and remove the center section.





Step 11: At this point, you are ready to install the stubby bumper itself. With the mounts left loose on the frame for adjustment, hang the stubby off the mounts, and push the first bolts through any of the side holes (Including D rings if you selected that option) to retain the bumper on the chassis. Install all the hardware, and tighten the bolts from the bumper to the mounts first. Once the bumper is tightened to its frame rail mount plates, you may proceed to tighten all the frame rail bolts that were left loose previously.

Step 12: Install winch plate reinforcement and hood latch supports as shown using supplied clip nuts and 3/8" hardware.

And now you have a complete bumper install on your jeep!

Torque Specs:

3/8" Bolts - 25 ft-lbs
 1.25" bolts to mount bracket to bumper
 1" bolts to mount hood supports
 M10 Bolts - 40 ft-lbs
 Sway Bar - 68 ft-lbs



7/16" Hardware - 58 ft-lbs:

- (4) 1.5" Bolts thru bottom plate up into mounting bracket
- (4) 1.5" Bolts through bottom plate, bracket, and bumper (and D ring lower plates if installing)
- (6) 2" bolts through d rings sideways through bumper - NOTE if not installing d ring tabs, the lowermost bolts will need to be 1.25" long. They have been provided, along with 2" lengths for your convenience when adding wings or d ring tabs later.

Notes: These instructions are meant to be a general guideline and not a factory certified service procedure. We are not responsible for any failures or issues that may arise in others' installs. This product is intended **for offroad use only**, vehicle owner assumes all responsibility by purchasing and/or installing this product.

Returns: All returns must be complete within 30 days of purchasing, in original packaging, unmodified, and as shipped in uninstalled condition. Buyer must contact Trail Forged to receive a return authorization before returning product. Buyer pays return shipping. Returns are subject to inspection, and a 15% restocking fee.