

1999-2004 WJ FRONT BUMPER INSTALLATION

Thank you for choosing D.TillFabworks for your aftermarket needs, if you have questions throughout the install just send us an email at admin@dtillfabworks.com or give us a call at (813) 575-2525.

Tools required:

- Drill
- General socket set
- Angle grinder
- Sawzall
- General drill bit set
- Tape measure
- Masking tape
- Marker

Hardware included:

- (8x) ½" – 13, 1 ½" long hex screw
- (8x) ½" – 13, nylon lock hex nut
- (16x) SAE ½" washer
- (2x) M10x1.5, 35mm long
- (2x) 3/8" – 16, 7/8" long hex head screw
- (2x) 3/8" – 16, nylon lock hex nut

Install:

- Remove front bumper cover and grille
- It is recommended to remove the header panel as well as it makes the installation of the bumper easier, to do this you must take off the head lights and remove the torx head screws holding it in.
- Remove the hood latch support bars as they will be replaced

- Since this is a hidden winch bumper you must cut the center section out between the frame rails, you will want to cut the center flush with the inside of the frame rail. Reference the image below, we recommend using a Sawzall with a stiff blade to help keep your cut straight. You are better off staying slightly off the frame rail and coming back with a grinder to clean up the cut.



- After the center is cut out drill the OEM frame holes to 1/2"



- Once these holes are drilled place the provided sandwich plates inside the frame rail and bolt the bumper in place **underneath the frame rail.**
- **The bumper does not slide into the frame rail it bolts under it.**

- With the bumper aligned drill the 1/2" holes on the inner side of the frame rails guided by the inner gusset plates. (See reference picture)



- Once all holes are drilled, remove the bumper and debur any sharp edges
- For finally install,
 - 1/2" hardware is to be installed at 100ft-lbs
 - M10 hardware is to be installed at 40ft-lbs
 - 3/8" hardware is to be installed at 35ft-lbs

- Install hood supports using provided hardware (3/8") on the winch plate and reuse the factory hardware at the hood latch.
 - It is recommended to place the bolts with the head facing the radiator to provide more clearance, to do this install them onto the bumper before final install.
- At this time you should install your winch, depending on the model you have, trimming of the grille may be needed.
- Reinstall the header panel and headlights.
- Close the hood and make any adjustments to the hood screws if needed.

Enjoy!