



## Installation instructions

99-04 wj grand cherokee 2.5" drop bracket kit.

### Tools Needed:

- 5/8" and 3/8" drill bits
  - Hand drill
  - Center punch
  - steel hammer and soft dead blow hammer
  - socket set and wrenches
  - 90 degree scribe or pick
  - common sense and patience
1. Don't be dumb, If you do not know how to install parts and have no proper assistance from an experienced mechanic please have this installed by a professional.
  2. Properly support the front of the chassis on jack stands as well as the front axle just enough that the tires are off the ground. Remove front driver side wheel.
  3. Remove the pitman arm via a pitman arm puller etc. Swing drag link out of the way. Do not turn steering wheel.
  4. Remove the oe track bar.
  5. Remove the 10mm lower engine bracket bolt coming through the chassis closest to the front of the chassis and install the longer 10mm x 130mm bolt provided in the hardware pack. Install until 1/4" of thread is showing through the engine bracket nut. Do not put the provided nut on the back side yet.

6. Using a 5/8 drill bit drill out the factory 12mm track bar bracket holes so that the new 5/8 square set bolt (black grade 8 carriage bolt) can pass through.
7. Hold the new drop bracket up into place and gently tap it past the oe bracket flares so that it aligns with the engine bracket bolt in the slot as well as the OE track bar hole. It will require some force to pass the flares as it's a sandwich fit on the OE bracket.
8. Install both spacers with the 5/8 square set bolt.
9. Tighten the 10mm engine bracket bolt enough that you can put the provided 10mm nut on it and snug the bracket in place.
10. Snug the 5/8 bolt so that all holes line up with the sheet metal where you need to drill the 4, 3/8" holes. be sure they line up where you are not drilling off the edge of the metal.
11. Using a 90 degree scribe etch a circle through the bracket to accurately mark your hole locations. The 2 pinch seam holes can be drilled through the bracket as a guide to get them exact.
12. Remove the bracket and using a center punch in the circles etched, punch a center mark so that you can drill into the oe bracket with the 3/8 drill bit.
13. After drilling all four holes remove the 10mm engine bracket bolt and install the outer support plate with the anvil flag with the 10mm bolt through the upper hole so that the lower holes line up with the 2 pinch seam holes that have been drilled out. Allow 1/4" to show through the nut.

14. Re- install drop bracket as before and install the 2 3/8"x1.5" included bolts and washers through the 2 holes drilled into the OE bracket loosely.
15. Install the 2- 5/16" x 1.5" bolts and washers through the outer frame plate, through the pinch seam and drop bracket leave bolts loose.
16. Install the 5/8 square set bolt with both aluminum spacers so that the bracket is all aligned properly. Tighten to 80 ft lbs.
17. Tighten all other bolts to 40 ft lbs.
18. Install track per track bar install instructions
19. re install pitman arm.
20. Re install wheel per factory instruction and get vehicle aligned.