



## 02-07 Jeep Liberty Steering Rack Bushing Installation

1. Using a 10mm socket remove the 2 power steering line brackets marked by red arrows. (if your Jeep has a mechanical fan it may be easier to remove it)



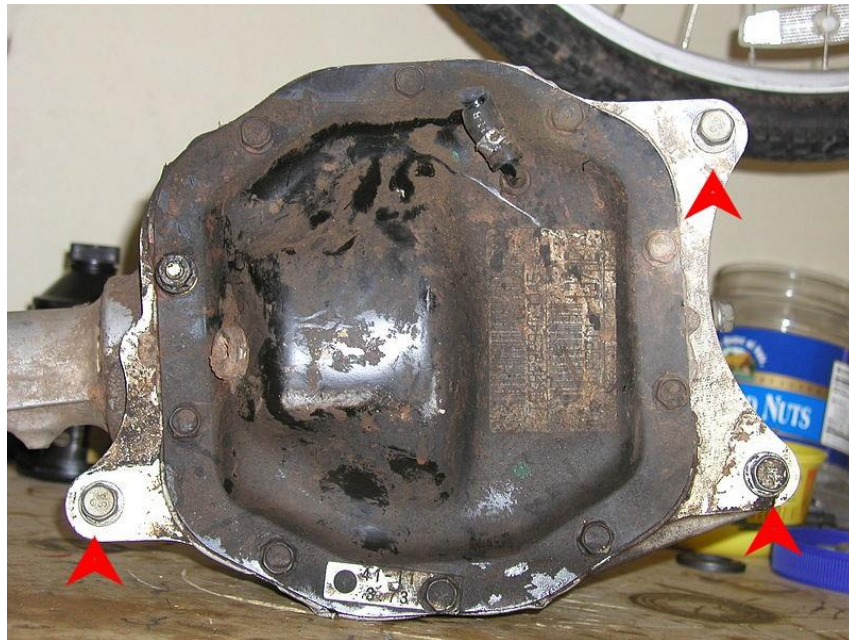
2. Using a 13mm socket and 12" extension remove the steering linkage bolt. (first picture shows bolt that needs to be removed and second picture shows how to gain access to bolt. You may need to turn the steering wheel for proper lineup with socket)

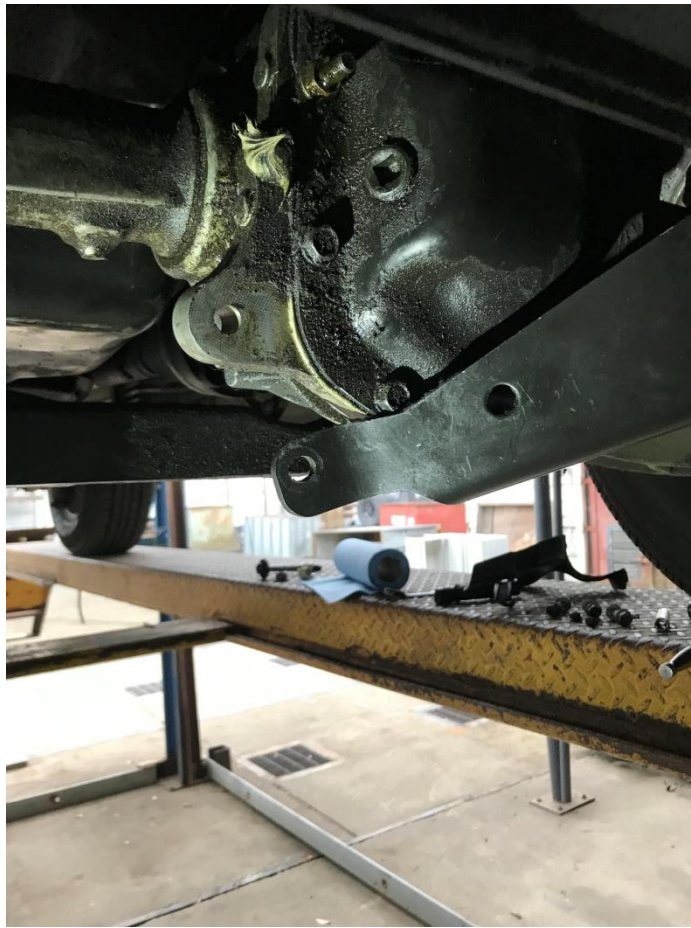


- Using 24mm socket on bottom and 24mm wrench up top, remove the 2 large steering rack mounting bolts.



- Using 13mm socket remove the 3 bolts that hold the front differential mount to the differential. Move mount to the side like shown.





5. Remove plastic oil drain catch using 10mm socket. (it is a pain to remove but it will come out.)



6. Using 21mm and 10mm wrenches, remove both tie rods from the knuckles. 21mm is for the nut and the 10mm is for using on the hex to ensure the ball joint doesn't spin.



7. Now that everything is loose you can move the steering rack into this position to remove the bushings.



8. After removing the factory bushings you are now ready to install our poly bushings. Start out by installing all 4 bushings into the steering rack without grease. Push the bushings in place until the bushing flange touches the steering rack. Now with the supplied grease, grease up the inside of the bushings and the bushing tubes. Ensure that the bushing tube flange (wide part) faces down and press them in. The urethane has a press fit so it will be quite tight. (bushing tubes are bare aluminum in picture)



9. Install in reverse order and you are done.

- Rack & Pinion Frame Mount 24mm 120 lbs-ft
- Tie Rod End Knuckle Nut 21mm 80 lbs-ft