

## Tie Rod Ends - How to Remove

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Zane's Method:

When I was about 16 years old I bought an old beat up 1938 Ford four door sedan and the tie rod ends were all about to fall off they were so loose and I decided to replace them. I loosened the nut and hit the end with a hammer and nothing.

I beat on that thing for a week or more. I finally gave up in it and the car was just sitting there for weeks and me wanting to ride.

One day my uncle, who had been a mechanic and blacksmith all his life came by the house and I asked him if he knew how to get the tie rod end off. He asked me to get him two hammers. He took the larger hammer and placed it on one side of the eye socket of the pitman rod and struck the other side of the eye socket with the other hammer, and out it popped with only one strike of his hammer. Here I had been beating on the thing for weeks and only one strike of his hammer did the trick.

Or:

Usually some leverage between the tie rod and the arm, then a smart rap along side the arm where the shaft passes through. For a stubborn one, you can tap the end of the shaft provided you run the nut out so that it is flush with the end of the shaft (to protect the threads) AND use a wood or brass piece between the hammer and the shaft. You need the pressure as well as the rap to break the lock, as the shaft and hole are tapered.

Or

Purchase a Pickle Fork from any automotive supply store.



*Best internet source  
of information and help  
for old Ford tractors.*

[www.ntractorclub.com](http://www.ntractorclub.com)