

7 Most Common Repair Mistakes that can Change the System Geometry and Impact Steering Performance & Life

When doing any truck chassis or steering system repair, make sure to take the proper precautions to avoid problems down the road. Inadvertently making any of these common mistakes listed below can cause a steering system leak or create incorrect oil flow relief, resulting in uneven steering effort.

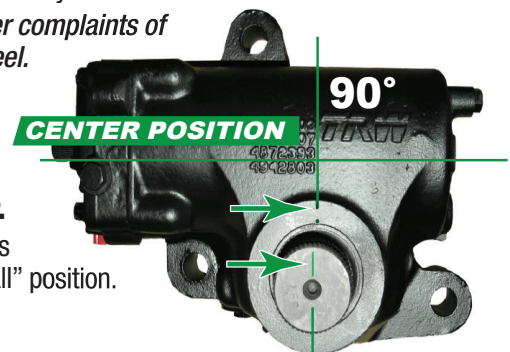
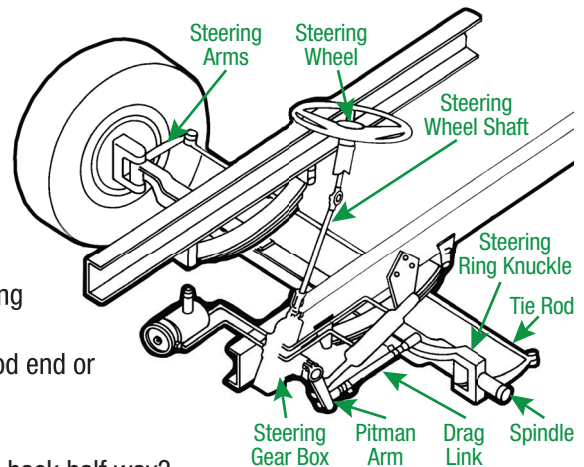
HAVE YOU EVER MADE THE FOLLOWING REPAIR MISTAKES?

1. Replaced or repaired the axle stops... and not addressed the steering gear relief set up?
2. Changed wheel size on a vehicle, while not addressing axle stops, or the steering gear?
3. Disconnected the drag link from the pitman arm, then rotating the steering gear to move the Pitman Arm out of the way?
4. Disconnected the drag link from the spindle, then rotating the steering gear to move the pitman arm & draglink out of the way?
5. Repositioned the cab steering wheel to center after changing a tie rod end or ends or draglink?
6. Adjusted a steering gear to eliminate free play?
7. Tried to find center of the steering gear by turning it lock to lock and back half way?

Any of these mistakes will likely cause a steering gear to leak, or result in driver complaints of hesitation during steering, hard steering or uneven effort when turning the wheel.

IMPORTANT TIPS:

- If you need to make room to do a spring repair, front frame repairs, replace kingpins, drag links, tie rod ends, etc. – **make sure to disconnect the pitman arm from the steering gear and do not rotate the steering gear.**
- **Never replace a steering gear with another USED steering gear**, that has not been professionally rebuilt and reset back to the original “Factory New Install” position.
- Learn More: “**Important Steering Gear Installation Guidelines**”



To Ensure the Job is Done Right the First Time, We Recommend Replacing the Gear Box with a ULT Premium Quality Remanufactured Unit that is 100% Dyno Tested and Reset to Factory Specifications

100% DYNO TESTED!



FEATURES & BENEFITS:

- All units are completely disassembled and inspected for defects and wear issues
- All seals are replaced with new seal kits that meet or exceed OE specifications
- 100% new bearings and bushings are used to ensure proper performance

If you require further assistance, please contact us as 905.612.1256