

5 Common Steering Gear Installation / Repair Mistakes to Avoid



Significantly Reduce Steering Gear Warranties Following These 5 Tips

- Never power wash a steering gear
- Many owner operators, fleet operators, truck wash facilities as well as mobile wash companies still continue to power-wash steering gears *(This is one of the most common root causes of steering gear failure.)*
- Never install a used steering gear on a vehicle – there are too many variables that can go wrong!
- Know your installation procedures
- Always check the axle stops



The following statement can be found on the ZF/TRW website. This applies to all steering gears.

CAUTION Never high pressure wash or steam cleaning will force contaminants into the gear, especially through the side cover vent plug hole, input shaft seal and output shaft areas. These contaminants could destroy seals, bushings and bearings, resulting in a reduction of steering performance.

IMPORTANT REPAIR TIP

Always Check the Axle Stops & Poppet Settings Before Flushing/Bleeding

Make sure to check the axles stops and poppets are set correctly before beginning flushing and air bleeding. Do not allow the fluid level to drop significantly or run low in the reservoir during the entire procedure. This may introduce air into the steering system.

Axle Stop



Planning On Replacing a Steering Gear Soon?

Important: If you are required to correct and or adjust the axle stop position and turning radius, perform all corrections and adjustments before install of replacement steering gear.

Make sure all your axle stop adjustments, corrections and checks are done with the original gear to be removed.

Note: DO NOT install the replacement steering gear prior to setting up the axle stops and turning radius!

If you require assistance to correct an incorrectly installed steering gear, please call our customer service for instructions.

SIX Locations Now Available to Serve Your Needs

Mount Pearl, Newfoundland
 Moncton, New Brunswick
 Quebec City, Quebec
 Ottawa, Ontario
 Mississauga, Ontario
 Winnipeg, Manitoba

Distribution Facility	844.442.0442
Reman Facility	844.442.0442
Distribution Facility	844.442.0442
Reman Facility	833.442.0442
Reman Facility	833.442.0442
Distribution Facility	833.442.0442

Coming SOON Edmonton Alberta!!

Hours of Operation

**7am – 6pm Eastern Time
 Monday thru Friday**

ultpowertrain.com