



Technical Bulletin

Parts and Service news

TB-58-99
5-21-99

To: All Harlan Tractor/Parts Customers

Subject: 02023-0039 Steer Axle Thrust Bearing

The Product Support Department has received several reports of pre-mature failure of the steer axle thrust bearings.

Harlan requested a set of failed bearings to be returned and conducted an investigation, during our examination of the failed bearing set it was obvious that the bearing was not properly greased or maintained. The bearing set contained no visible grease, the bearing rollers had then rusted and in use collapsed. It is imperative that the system is properly greased or these bearings will fail.

Procedure for the proper greasing of steer axle thrust bearings.

With the unit setting on the ground grease the lower fitting until grease can be seen exiting the top of the thrust bearing between the bearing and the axle center beam. Note: the unit's front tires must be on the ground with the full weight of the unit resting on them. If the tires are raised off the ground the result will be that the grease will have sufficient space to flow out around the bearing, thus no grease will reach the bearing rollers.

Procedure for greasing of new steer axle thrust bearings before installation.

Using a bearing grease press, pack the bearing topside down. Install the bearing with the bearing cage up as seen in the attached photo, if installed otherwise it will be possible for water or other contaminants the collect and seep into the bearing case.

