

Rear Axle Lubrication Requirements

Proper lubrication procedures and maintenance schedules for the truck rear axle differential and bearings.

Lubricant Specifications

Use A-1 heavy fluid or semi-fluid oil such as:

- Mobiloil C
- Whittemore's Worm Gear Protective

Maintain oil level even with upper oil plug.

Table 1. Maintenance Schedule

Mileage	Required Maintenance
500 miles	First oil change
1000 miles	Second oil change
Every 100 miles	Turn outer bearing dope cups one full turn

Post-Service Procedure

1. Fill differential with oil
2. Jack up axle
3. Run for 5-10 minutes to ensure proper bearing lubrication

Reference Figures

Figure 1. Truck Rear Axle: Longitudinal View

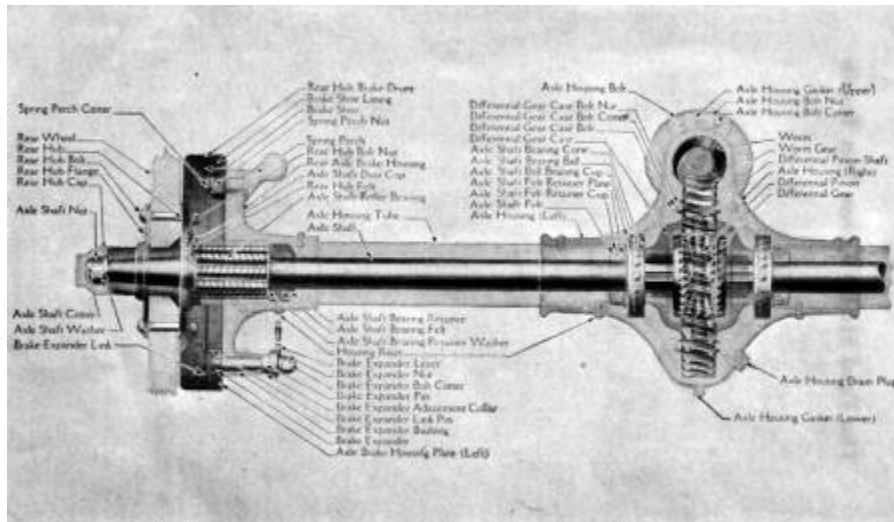


Figure 2. Truck Rear Axle: Cross Section Showing Worm and Worm Gear

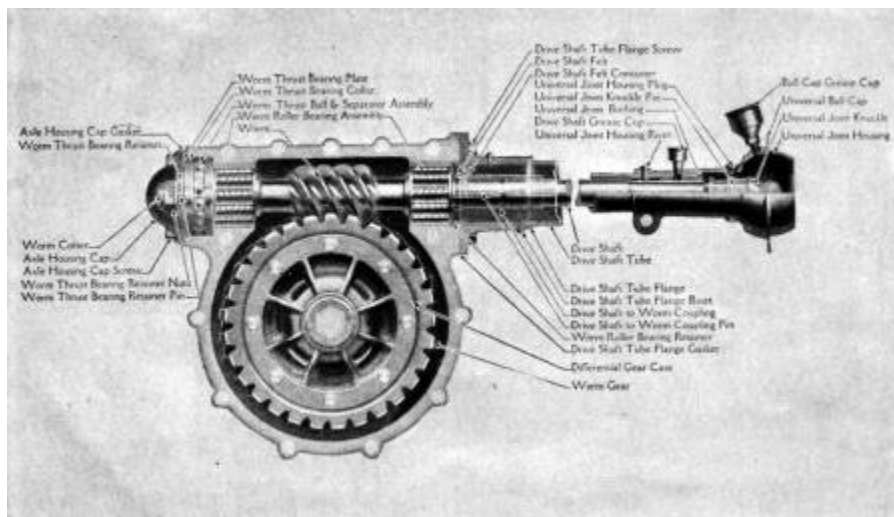


Figure 3. Starter and Generator Units

