

At General Truck Parts, we offer comprehensive heavy-duty truck repair and maintenance services backed by decades of drivetrain, engine and hydraulic expertise.



Transmission Service

- Transmission fluid replacement (manual & automatic)
- Clutch adjustment or replacement
- Torque converter diagnostics
- PTO (Power Take-Off) system checks



Differential Service

- Gear oil replacement
- Ring and pinion gear inspection
- Seal replacements to prevent leaks
- Check for whining or vibration under load



Driveline Service

- Driveshaft repair/replacement
- U-joint & CV joint inspection and lubrication
- Center support bearing replacement
- Angle/alignment checks to reduce vibration



Brake System Service

- Air brake system diagnostics
- Brake pad, drum, rotor, and shoe replacement
- ABS diagnostics and repair
- Slack adjuster and brake chamber inspections



Suspension & Steering Service

- Leaf spring and air suspension repair
- Kingpin, tie rod, drag link, and bushing service
- Power steering pump, gearbox & fluid service
- Alignment services for reduced tire wear



HVAC System Service

- AC recharge & leak testing (R-134a or R-1234yf)
- Heater core & blower motor service
- Thermostat, condenser, and evaporator inspection
- Cab climate control diagnostics



Preventive Maintenance

- DOT inspection preparation
- Scheduled PMs (PM A, B, C)
- Greasing, filter changes, belt/hose checks
- Tire inspection & rotation



Oil & Fluid Service

- Engine oil & filter changes (full synthetic, semi)
- Coolant flush and trans/axle/hydraulic fluid checks
- DEF system service (Diesel Exhaust Fluid)



King Pin Service

- Complete kingpin bushing replacement
- Axle eye inspections and machining
- Essential for front axle stability & alignment



Electrical & Battery Service

- ECM/ECU, battery & fuse diagnostics
- Starter & alternator service
- Trailer light and 7-way plug repairs
- Load testing, voltage checks, charging diagnostics
- Battery replacements (Group 31, etc.)
- Terminal cleaning and cable replacement



Exhaust & Fuel System

- DPF (Diesel Particulate Filter) cleaning/replacement
- EGR valve and cooler service
- Fuel injection system diagnostics & leak repairs



PTO Service

- Custom PTO unit installation, removal & replacement
- Hydraulic pump coupling and shaft alignment
- PTO clutch adjustment and rebuilds
- Leak detection, seals, gear inspection and lubrication
- Electrical PTO switch diagnostics, engagement issues



Wet Kit Installation

- Custom hydraulic system setup
- Precision component integration
- Fluid and pressure testing



Complete Diesel Engine Repair

- Engine Diagnostics: sensors, wiring, codes, testing
- In-Frame / Out-of-Frame Engine Rebuilds
- Cylinder Head Repairs
- Turbocharger Service
- Cooling and Fuel System Repairs



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