

Diesel Mechanic Job Description

- Inspect diesel engines for defects or malfunctioning and diagnose problems with the help of computerized diagnostic equipment
- Perform different routine tasks, like changing oil and filters
- Repair or replace faulty components of the engine
- Test vehicles so that they may be performed efficiently after repairs
- Optimize the power output and fuel efficiency by adjusting the engine controls
- Fuel Injection Service and repair
- Brake service and repair on diesel-powered vehicles
- Rebuild or replace the transmission or parts in the powertrain
- Evacuate malfunctions in electrical systems
- Service and repair exhaust gas and emission control systems
- Repair and maintenance of ac and heating systems in diesel engines
- fabricate parts and components when the frame or parts of the vehicles are severely damaged and weakened – welding equipment
- Follow and interpret the reading in the technical manuals for proper repair and service
- Keep records of repairs and servicing
- Counsel customers on problems and required repairs on their vehicles
- Estimate cost and time for jobs
- Order supplies, parts, maintain inventory
- Maintain the cleanliness and organization of work areas and tools
- Comply with safety procedures and regulations
- Preventive maintenance to minimize breakdowns
- Upgrade or retrofit older diesel engines to meet current emissions standards
- Troubleshoot problems in hydraulic systems of construction equipment and repair them
- Mentor junior mechanics or even train apprentices
- Be in line with the newest technologies trickle-down in diesel engines and new servicing/repair techniques.