

Vehicle Mechanic II

Classified Position - 7915

<u>Salary</u> Category 1 per Salary Schedule + increment for applicable certification(s) - Per Salary Schedule	<u>Days</u> 260	<u>Reports to:</u> Vehicle Maintenance Manager
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SCOPE OF RESPONSIBILITIES

Perform mechanical repair work on school buses, trucks and other gas and diesel powered automotive equipment; perform body repairs, gas or diesel engine overhauls, transmission overhauls and electrical systems repairs as needed

DISTINGUISHING CHARACTERISTICS

- Perform body repairs, gas or diesel engine overhauls and repairs and repair and overhaul electrical systems and transmission overhauls
- Maintain buses and other vehicles in proper operating condition and perform responsible vehicle repairs and maintenance including preventative maintenance

REPRESENTATIVE DUTIES / ESSENTIAL FUNCTIONS

1. Disassemble motors and repair, adjust and replace parts; recondition and adjust ignition and carburetor systems; tune engines including injectors and generators; repair, fit and adjust valves, pistons, rings and bearings; clean, repair and replace carburetors, fuel pumps, fuel lines, gauges and electrical wiring systems
2. Perform major mechanical repairs; overhaul transmissions, differentials and universal joints; repair, adjust and line brakes; rebuild and replace air and hydraulic brake system components; perform front end alignment and repair
3. Perform mechanical repair work on school buses and other gas or diesel-powered automotive equipment; assure buses conform with established standards for passenger vehicles; complete related maintenance records
4. Inspect and diagnose mechanical defects in school buses, trucks, automobiles, vans, tractors, electric carts and other mechanical equipment; drive and test school buses and provide emergency road service to disabled District school buses and vehicles as required
5. Read and interpret schematics and diagrams; diagnose and repair mechanical defects in a variety of vehicles
6. Repair and replace alternators, generators, starters, voltage regulators, distributors and lighting systems; install a variety of parts including batteries, brakes, glass and door handles
7. Grind valves and perform welding; rebuild equipment as needed
8. Operate a variety of equipment and machinery including electronic and mechanical diagnostic equipment, scopes, tire changers, grinders, lathes, emissions analyzer, steam cleaner, hoists, jacks, torches and welding equipment and a variety of power and hand tools
9. Conduct periodical mechanical safety checks on buses as mandated by law; test vehicles for compliance with exhaust emissions standards
10. Respond to service calls and perform emergency repairs as needed
11. Perform lubrication, oil changes, battery maintenance, tire changes and servicing of equipment
12. Process work orders and maintain records of time worked and materials used; recommend purchase of needed parts, supplies and tools
13. Maintain work area, equipment and tools in a safe, clean and orderly condition
14. Maintain regular and predictable attendance
15. Adhere to the professional code of ethics
16. Successfully utilize technology as appropriate in job function
17. Perform other duties as assigned

KNOWLEDGE AND ABILITIES

KNOWLEDGE OF:

- Principles of gasoline and diesel-powered internal combustion engines
- Methods, tools, equipment and materials used in diagnosis, repair and maintenance of motorized equipment
- Shop math applicable to vehicle maintenance
- Proper lifting techniques
- Health and safety regulations and procedures
- Use of service manuals

ABILITY TO:

- Perform mechanical repair work on school buses, trucks and other gas and diesel powered automotive equipment
 - Analyze combustible engine failure by using electronic test equipment
 - Pass required certification, comprehension and aptitude exams
 - Diagnose and repair mechanical and electrical malfunctions and defects
 - Operate shop equipment and tools
 - Make major and minor repairs
 - Read and use mechanical diagrams, repair manuals and parts catalogues
 - Maintain routine records
 - Plan and organize work
 - Understand and follow oral and written directions
 - Work cooperatively with others
 - Lift heavy objects
 - Observe legal and defensive driving practices
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- Work as a team

PHYSICAL DEMANDS

	Seldom/Rare	Occasional (up to 1/3 of work day)	Frequent (1/3 to 2/3 of work day)	Repetitive (2/3 or more of work day)
Standing/Walking				X
Sitting		X		
Handle/Finger/Feel				X
Reach/Push/Pull				X
Bend/Stoop/Crouch				X
Kneel/Crawl		X		
Climb/Balance		X		
Lift/Carry (Check Frequency)				
Up to 10 lbs.				X
Up to 20 lbs.				X
Up to 50 lbs.			X	
Up to 100 lbs.		X		
Over 100 lbs.		X		

MINIMUM QUALIFICATIONS

1. Any combination equivalent to: high school diploma, G.E.D. Certificate or demonstrated progress toward obtaining a G.E.D. as required by Kentucky law
2. Two years' experience in general automotive repair
3. Valid Kentucky commercial driver's license; course work toward ASE Certification

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