

Goleta Union School District

Mechanic I

Basic Function

Under the direction of the Head of Maintenance, Operations, and Transportation, perform skilled mechanical work in the repair and maintenance of a variety of buses, large and small District vehicles and grounds maintenance equipment including gasoline and diesel-powered equipment.

Representative Duties

Perform skilled mechanical work in the inspection, diagnosis, repair and maintenance of buses, automobiles, trucks, tractors and other large and small mechanical equipment, including gasoline and diesel-powered equipment. E

Read and interpret schematics and diagrams; inspect and diagnose mechanical malfunctions. E

Perform routine maintenance safety checks and inspections according to California Highway Patrol regulations and requirements; perform road tests as assigned. E

Tune engines and carburetors. E

Lubricate buses, automotive and other power equipment; inspect gearboxes and lubricate gearboxes and fittings; change oil and filters. E

Adjust brakes; maintain and replace air and hydraulic brake system components; install axles; overhaul drive shafts; change and inflate tires. E

Diagnose and repair engine electrical and ignition systems, such as distributors, coils, alternators, starters, and related systems. E

Repair and adjust automatic and standard transmissions, drive shafts, differentials, universal joints, gears, valves, transfer cases, and rear ends. E

Maintain shop area, equipment and tools in a safe, clean and orderly condition. E

Operate a variety of specialized electronic diagnosis equipment and machinery. E

Repair and replace seat cushions and covers on school buses.

Assist with electrical and acetylene welding, brazing and soldering as assigned.

Perform related duties as assigned.

Update records on vehicle maintenance as directed.

Knowledge and Abilities

Knowledge of:

Techniques and practices of maintenance and repair of heavy and light automotive vehicles and grounds maintenance equipment.

Safe operation of related tools, equipment and procedures in the overhaul, repair and adjustment of motor equipment and of fuel, ignition, electrical and related systems.

Operation, theory and principles of gasoline and diesel-powered engines.

Methods, equipment, tools and materials used in the repair and maintenance of vehicles and equipment.

Diagnostic procedures for vehicles and equipment.

Technical aspects of field of specialty.

Shop math applicable to vehicle maintenance.

Health and safety regulations.

Ability to:

Diagnose, repair and maintain a wide variety of large and small gasoline and diesel-powered engines and related equipment.

Mechanic I

Diagnose and repair mechanical, electrical and computerized malfunctions.

Operate specialized equipment used in repairing or servicing of vehicles.

Read and apply technical and mechanical diagrams, schematics and repair manuals.

Analyze situations accurately and adopt an effective course of action.

Update records related to safety, preventive maintenance and work performed.

Understand and follow oral and written directions.

Observe legal and defensive driving practices while test driving vehicles.

Operate a variety of specialized electronic diagnosis equipment and machinery.

Establish and maintain cooperative and effective working relationships with others.

Any combination equivalent to: graduation from high school and one year skilled automotive or diesel maintenance and repair.

Licenses and Other Requirements

Possession of a valid California Class B Driver License.

Working Conditions

Environment

Vehicle and equipment repair shop environment.

Driving a vehicle to conduct road tests.

Emergency callout.

Physical Demands

Pulling, pushing, lifting and carrying heavy objects.

Walking or standing for extended periods.

Bending at the waist, kneeling, crouching, or creeping

Reaching overhead, above the shoulders and horizontally.

Dexterity of hands and fingers to operate power tools and equipment.

Perform repetitive hand and body motions.

Hazards

The Mechanic I performs a variety of maintenance and repair work on District fleet and grounds maintenance equipment. The Mechanic II is a single incumbent classification and serves as lead in the shop and is assigned work involving the red-tagging of vehicles and equipment and related paperwork.