

AUTOMOTIVE MECHANIC I

Definition:

Under supervision, to repair and maintain automobiles and light trucks; to diagnose automotive mechanical problems and determine appropriate work; and to do related work as required.

Distinguishing Characteristics

Automotive Mechanic I is the entry level of the flexible Automotive Mechanic series of classifications. Incumbents may be promoted to the next higher level of Automotive Mechanic II based upon acquired experience and certification, recommendation of the department head and approval of the Director of Personnel.

Essential Functions:

- Diagnoses on-board computer fault codes, noises and mechanical failures.
- Removes, repairs, overhauls, and installs gasoline, diesel and alternative fuel engines.
- Inspects, adjusts and replaces defective mechanical units.
- Assists in diagnosing computer control fault codes.
- Operates equipment to analyze motor engine troubles.
- Tunes engines to manufacturer's specifications.
- Adjusts and/or repairs fuel injection systems.
- Installs rods and main bearing inserts.
- Repairs and overhauls major units including brake systems, transmissions, differentials, transaxles, front and rear axles, steering units.
- Grinds valves.
- Repairs auxiliary equipment.
- Builds specialized equipment.
- Determines needed repair parts.
- Tests equipment after being repaired.

- May perform acetylene or electric welding and brazing.
- Performs other job-related duties as required.

Employment Standards:

High School Diploma, G.E.D. or equivalent and two (2) years of experience repairing late model vehicles which incorporate front wheel drive, fuel injection systems, command control computer systems and transaxles; OR completion of an approved two (2) year automotive technology program.

Possession of a valid Class "C" California Driver's License prior to the time of appointment is required. Appointees are required to furnish their own hand tools in accordance with departmental policy.

Knowledge of: principles of internal combustion engines, and of procedures, tools, equipment, and materials used in the repair, maintenance and servicing of motorized equipment; diagnose the cause of mechanical failures; diagnose and repair fuel injection systems, transaxles and interpret on-board computer fault codes; install and adjust various emission control devices; ability to estimate time and material needed in order to complete a job; read, comprehend and follow electrical and mechanical schematics, understand and follow oral and written instructions; and to operate computers and related software applications.

A background check may be conducted for this classification.

All Kern County employees are designated "Disaster Service Workers" through state and local laws (CA Government Code Sec.3100-3109 and Ordinance Code Title 2-Administration, Ch. 2.66 Emergency Services). As Disaster Service Workers, all County employees are expected to remain at work, or to report for work as soon as practicable, following a significant emergency or disaster.