

SKILLED WORKER: AUTOMOTIVE MECHANIC



What do Automotive Mechanics do?



Consult customers, inspect vehicle operations, perform road tests, and check systems to diagnose faults.

Estimate repair costs.

Advise customers on work required, service costs, general vehicle condition and future repair needs.

Dismantle faulty assemblies such as engines, transmissions, differentials, injection systems, linkages, steering systems, braking systems, drive trains, and vehicle suspensions in order to repair or replace worn or damaged parts.

Reassemble, test and adjust repaired parts or systems to meet manufacturers' specifications.

Perform maintenance work such as oil and air filter changes; lubrication; tune-ups; and belt, hose and plug replacement.

Replace, rotate and change tires, and align wheels.

Work with computerised diagnostic testing devices.

Automotive Mechanics inspect, diagnose, service and repair the mechanical, electrical and electronic systems and parts of cars and light trucks. They may specialise in repairing, rebuilding and servicing specific parts.

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Skills and Personal Characteristics:

- Must have a driver's license
- Enjoy practical hands-on work
- Have mechanical ability and interest in vehicles
- Able to read work orders, manuals, technical drawings and specifications
- Able to follow written and spoken directions
- A careful and methodical approach to work
- Good computer skills
- Good manual dexterity and hand/eye coordination
- Able to keep up with changing technology
- Good spoken communication skills
- Good problem solving skills
- Able to work independently and on a team

Related Industry Occupations:

- ~ Automotive Electrician ~ Panel Beater
- ~ Heavy Duty Mechanic ~

What are the Working Conditions?

- Outdoor and indoor work
- May work in cramped or uncomfortable positions for long periods
- Standing , bending and reaching for long periods of time
- Some lifting involved
- Often noisy and dirty
- Personal Protective Equipment required

Where do Auto Mechanics Work?

- ~ garages, vehicle dealerships, auto repair shops, automotive parts stores, transport companies, mines, construction sites, organisations with vehicle fleets

