

# AUTOMOTIVE TECHNOLOGY

Automotive service technicians and mechanics, often called *service technicians* or *service techs*, inspect, maintain, and repair cars and light trucks.

## DUTIES

Automotive service technicians and mechanics typically do the following:

- Test parts and systems to ensure that they are working properly
- Identify mechanical problems, often by using computerized diagnostic equipment
- Follow checklists to ensure that all critical parts are examined
- Test and lubricate the vehicle's engine and other major components
- Perform basic care and maintenance, including oil changes, tune-ups, and tire rotations
- Repair or replace worn parts, such as brake pads and wheel bearings
- Disassemble and reassemble parts
- Use testing equipment to ensure that repairs and maintenance are effective
- Explain to clients their automotive problems and the repairs done on their vehicles

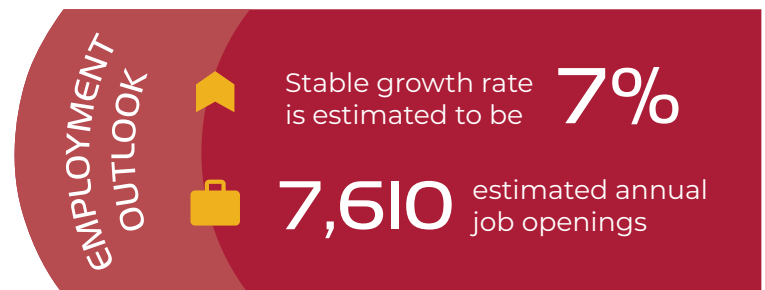
Service technicians work on traditional mechanical components, such as engines, transmissions, belts, and hoses. However, they must also be familiar with a growing number of electronic systems. Braking, transmission, and steering systems, for example, are controlled primarily by computers and electronic components.



## SALARY INFORMATION

Location	2018				
	10%	25%	Median	75%	90%
California	\$27,620	\$35,390	\$47,010	\$61,140	\$77,480

\*Pay period based on yearly amount.



## RELATED OCCUPATIONS

- Aircraft Mechanics and Service Technicians
- Automotive Specialty Technicians 🌞🌿
- Farm Equipment Mechanics and Service Technicians
- Industrial Machinery Mechanics 🌞🌿
- Engine and Other Machine Assemblers 🌿
- Inspectors, Testers, Sorters, Samplers, and Weighers 🌞🌿

