



South Dakota High Demand & High Wage Career

**Career Cluster: Transportation,
Distribution & Logistics**



Automotive Service Technicians & Mechanics

Standard Occupational Code 49-3023

What They Do

Inspect, maintain and repair cars and light trucks. They may work on any part of a vehicle related to how it operates, from engines to brakes. They often confer with customers to discover vehicle problems that need to be repaired, and they also use computerized diagnostic devices to help identify problems.

Is This For You?

Work Interests are described in the following categories (compatible with Holland's Model). People who tend to succeed in this career are:

Realistic (Doers) — Prefer to work with objects, things, machines, tools, plants or animals. They have mechanical ability, enjoy being outdoors and working with their hands.

Investigative (Thinkers) — Interested in science and logic. They like to analyze, evaluate and solve problems, and enjoy learning and understanding the causes of events.

Work Values are aspects of work that are satisfying to you. The following work values are generally associated with this career.

Independence — Work on their own and make decisions.

Support — Offer supportive management that stands behind employees.

Relationships — Provide service to others and work in a friendly, non-competitive environment.

Abilities reflect a person's aptitude to acquire skills and knowledge. The following abilities are important for success in the career.

- Arm-Hand Steadiness
- Control Precision
- Finger Dexterity
- Manual Dexterity
- Near Vision
- Multilimb Coordination
- Deductive Reasoning
- Extent Flexibility

Basic Skills You Need

- Repairing machines or systems
- Troubleshooting
- Operations Monitoring
- Equipment Maintenance
- Operation and Control
- Critical Thinking
- Quality Control Analysis
- Equipment Selection
- Judgment and Decision Making
- Active Listening

Education & Training

Some postsecondary education in an auto mechanics program, including hands-on training with current technology, is recommended.

Recommended Levels* for the National Career Readiness Certificate

Applied Math	4
Workplace Documents	4
Graphic Literacy	4

*Using the median skill level.

Where They Work

The South Dakota industries which employ the largest number of automotive service technicians and mechanics are:

- Motor Vehicle and Parts Dealers
- Repair and Maintenance
- Self Employment

South Dakota Employment & Wages

2020 Workers	2030 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Annual Median Wage	Annual Average Wage
2,343	2,493	150	6.4%	251	\$46,524	\$45,925

Additional References

Labor Market Information Center

www.dlr.sd.gov/lmic

Career OneStop

www.careeronestop.org

O*Net Online

www.onetonline.org

mySkills myFuture

<https://www.myskillsmyfuture.org/>

Provided By

Labor Market Information Center
SD Department of Labor & Regulation
605.626.2314

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