



South Dakota High Demand & High Wage Career

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



Bus and Truck Mechanics and Diesel Engine Specialists

Standard Occupational Code 49-3031

What They Do

Diagnose, adjust, repair or overhaul buses and trucks, or maintain and repair any type of diesel engines. Includes mechanics working primarily with automobile or marine diesel engines.

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.

Conventional (Organizers) — Detail oriented and organized. They like to analyze data, keep financial records and do research. They can be counted on to be accurate and enjoy structure and closure.

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

Support — Offer supportive management that stands behind employees.

Relationships — Allow employees to provide service to others and work with co-workers in a friendly non-competitive environment.

Achievement — Satisfy this work value are results oriented and allow employees to use their strongest abilities, giving them a feeling of accomplishment.

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

- Near Vision
- Arm-Hand Steadiness
- Finger Dexterity
- Manual Dexterity
- Control Precision

Basic Skills You Need

- Repairing
- Troubleshooting
- Operations Monitoring
- Equipment Maintenance
- Critical Thinking
- Quality Control Analysis

Education & Training

Some postsecondary education in a diesel mechanics or related program, including hands-on training with current technology, is recommended for bus and truck mechanics and diesel engine specialists.

A registered apprenticeship is another option for preparing for this occupation. To learn more, visit StartTodaySD.com or contact your local Job Service office to get started.

Recommended Levels* for the National Career Readiness Certificate

Applied Math	3
Workplace Documents	4
Graphic Literacy	4

*Using the median skill level.

Where They Work

The South Dakota industries which employ the largest number of bus and truck mechanics and diesel engine specialists are:

- Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers
- Automotive Repair and Maintenance
- Commercial and Industrial Machinery and Equipment

South Dakota Employment & Wages

2022 Employment	2032 Employment	Numeric Change	Percent Change	Average Annual Openings	Annual Median Wage	Annual Average Wage
1,188	1,302	114	9.6%	113	\$59,290	\$59,570

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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July
2024