Bus and Truck Mechanics and Diesel Engine Specialists

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
- Finger Dexterity
- Manual Dexterity
- Problem Sensitivity
- Arm-Hand Steadiness
Basic Skills You Need

• Repairing
• Troubleshooting
• Operation and Control
• Operation Monitoring
• Critical Thinking
• Equipment Maintenance
• Quality Control Analysis
• Equipment Selection
• Judgment and Decision Making
• Speaking
• Complex Problem Solving

Recommended Levels* for the National Career Readiness Certificate

<table>
<thead>
<tr>
<th>Skill</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Math</td>
<td>3</td>
</tr>
<tr>
<td>Workplace Documents</td>
<td>4</td>
</tr>
<tr>
<td>Graphic Literacy</td>
<td>4</td>
</tr>
</tbody>
</table>

*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:

• Merchant Wholesalers, Durable Goods
• Repair and Maintenance Services
• Truck Transportation
• Local Government, Excluding Education and Hospitals

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.

South Dakota Employment & Wages

<table>
<thead>
<tr>
<th>Year</th>
<th>Workers</th>
<th>Percent Change</th>
<th>Average Demand for Workers</th>
<th>Annual Median Wage</th>
<th>Annual Average Wage</th>
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</thead>
<tbody>
<tr>
<td>2018</td>
<td>994</td>
<td></td>
<td></td>
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<tr>
<td>2028</td>
<td>1,113</td>
<td>12.0%</td>
<td>109</td>
<td>$44,819</td>
<td>$45,590</td>
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</table>

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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