

# Bus/Truck Mechanics & Diesel Engine Specialists



Transportation,  
Distribution and Logistics

**Also called:** Bus Mechanic, Diesel Mechanic, Diesel Technician, Mechanic

## What they do:

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

## On the job, you would:

- Inspect brake systems, steering mechanisms, wheel bearings, & other important parts to ensure that they are in proper operating condition.
- Use handtools such as screwdrivers, pliers, wrenches, pressure gauges, & precision instruments, as well as power tools such as pneumatic wrenches, lathes, welding equipment, & jacks & hoists.
- Adjust & reline brakes, align wheels, tighten bolts & screws, & reassemble equipment.

## Knowledge

### Engineering & Technology

- product & service development
- mechanical

### Transportation

- movement of people or goods by air, rail, sea, or road

### Business

- customer service
- management

### Safety & Government

- public safety and security

## Personality

People interested in this work like activities that include **practical, hands-on problems and solutions.**

They do well at jobs that need:

- **Attention to Detail**
- **Analytical Thinking**
- **Dependability**
- **Adaptability/Flexibility**
- **Stress Tolerance**
- **Integrity**

## Wages

**\$** 20.12  
Per Hour  
41,847  
Per Year

## Skills

### Basic Skills

- thinking about the pros and cons of different ways to solve a problem
- talking to others

### Problem Solving

- noticing a problem and figuring out the best way to solve it

## Technology

You might use software like this on the job:

### Spreadsheet software

- Microsoft Excel

### Facilities management software

- Shop management software

### Office suite software

- Microsoft Office software

## Abilities

### Hand and Finger Use

- hold or move items with your hands
- put together small parts with your fingers

### Ideas & Logic

- notice when problems happen
- use rules to solve problems

### Controlled Movement

- quickly change the controls of a machine, car, truck or boat
- use your arms and/or legs together while sitting, standing, or lying down

### Hearing and Speech

- tell the difference between sounds

## Education



Bachelor's  
Degree

## Job Outlook

**78** Annual  
Openings

**H<sup>3</sup>** High Wage,  
Skill, Demand  
Occupation