

Bus and Truck Mechanic / Diesel Engine Specialist

PANHANDLE

Average Wage
\$15.46

*Average Annual
Job Openings*
20

Employment in
2004 *2014*
400 500

TEXAS

Average Wage
\$16.35

*Average Annual
Job Openings*
935

Employment in
2004 *2014*
19,250 23,650

UNITED STATES

Employment in
2006
254,850

Female 1%
Minority 34%

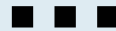
EMPLOYMENT CODES

OES 85311

*O*NET 49-3031.00*
*Bus and Truck Mechanics and
Diesel Engine Specialists*

JOB DESCRIPTION

Repair and maintain the operating condition of trucks, buses, and all types of diesel engines. Diagnose problems, disassemble engines, examine parts for defects and wear, and replace parts as needed.



SKILLS AND APTITUDES NEEDED

- ◆ Mechanical aptitude
- ◆ Strong problem solving skills
- ◆ Basic knowledge in automotive repair, electronics, mathematics and physics
- ◆ Good physical condition
- ◆ State commercial driver's license to test drive trucks or buses on public roads



Diesel mechanics repair and maintain the diesel engines that power transportation equipment, such as heavy trucks, buses, and locomotives. Some mechanics also work on bulldozers, cranes, road graders, farm tractors, and combines. A small number of mechanics repair automobiles and boats. Mechanics who work for organizations that maintain their own vehicles spend most of their time doing preventive maintenance, to ensure that equipment can be operated safely.

Diesel mechanics usually work indoors, although they occasionally make repairs to vehicles on the road. They lift heavy parts and tools, handle greasy and dirty parts, and stand or lie in awkward positions to repair vehicles and equipment. Normally, shops are well-lighted, heated and ventilated, however, some shops can be drafty and noisy.

PANHANDLE AREA PUBLIC TRAINING PROVIDERS

Training Provider	Direct Training	Related Training	Education Offering
Amarillo College Amarillo, Dumas, Hereford	√		Certificate of Completion (Diesel Mechanics Technology)
		√	A.A.S. (Associate in Applied Science Degree), Automotive Technology Major
		√	Certificate of Completion (Automotive Technology)

For information on public training providers outside of the Panhandle Area, please refer to the Resource Index.

LICENSE/CERTIFICATION

Optional: National Institute for Automotive Service Excellence (ASE) Certification,
Master Heavy-Duty Truck Technician
(certification available in six different areas of heavy truck repair)

HIGHEST EMPLOYMENT LEVELS BY INDUSTRY

Local Government	13%	Automotive Repair & Maintenance	7%
General Freight Trucking	11%	Automobile Dealers	5%
Motor Vehicle/Vehicle Parts & Supplies	10%	Specialized Freight Trucking	5%
Elementary/Secondary Schools	7%	Commercial & Industrial Equipment	3%

FOR MORE INFORMATION

Automotive Service Association, Inc., P.O. Box 929, Bedford, TX 76095-0929, (800) 272-7467, <http://www.asashop.org>

National Automotive Technicians Education Foundation, 101 Blue Seal Drive, Suite 101, Leesburg, VA 20175, (703) 669-6650, <http://www.natef.org>.

National Institute for Automotive Service Excellence (ASE), 101 Blue Seal Drive, SE, Suite 101, Leesburg, VA 20175, toll free (888) 273-8378, <http://www.asecert.org>

For additional website sources, please refer to the Resource Index.

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