

Occupation Profile

Industries Employing

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Bus and Truck Mechanics

(SOC Code : 49-3031)

in San Joaquin County

Diagnose, adjust, repair, or overhaul trucks, buses, and all types of diesel engines. Include mechanics working primarily with automobile diesel engines.

Employers are usually looking for candidates with Post secondary vocational training .

San Joaquin County is the same as Stockton-Lodi MSA.

Occupational Wages [\[Top\]](#)

Area	Year	Period	Hourly Mean	Hourly by Percentile		
				25th	Median	75th
Stockton-Lodi MSA	2022	1st Qtr	\$28.04	\$23.23	\$29.50	\$30.51

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Occupational Projections of Employment (also called "Outlook" or "Demand") [\[Top\]](#)

Area	Estimated Year-Projected Year	Employment		Employment Change		Total Job Openings
		Estimated	Projected	Number	Percent	
San Joaquin County	2018 - 2028	1,060	1,230	170	16.0	1,230

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Job Openings from JobCentral National Labor Exchange [\[Top\]](#)

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Within miles of Zip Code.

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Industries Employing This Occupation (click on Industry Title to View Employers List) [\[Top\]](#)

Industry Title	Number of Employers in San Joaquin County	Percent of Total Employment for Occupation in State of California
Automotive Repair and Maintenance	628	14.1%
General Freight Trucking	55	9.6%
Agriculture, Forestry, Fishing & Hunting	372	5.5%
Motor Vehicle/Part Merchant Wholesalers	55	5.2%
Automotive Equipment Rental and Leasing	62	4.9%

Waste Management and Remediation Service	48	4.5%
Specialized Freight Trucking	623	4.4%
Automobile Dealers	178	3.4%
Commercial Machinery Repair/Maintenance	53	2.4%
Nonmetallic Mineral Product Mfg Machinery & Supply Merchant	22	2.3%
Wholesalers	140	2.0%
Elementary and Secondary Schools	343	1.3%
Utility System Construction	19	1.0%

[About Staffing Patterns](#)

Data for Training Programs not available.

[About Training & Apprenticeships](#)

About This Occupation (from O*NET - The Occupation Information Network)

[\[Top\]](#)

Top Tasks (Specific duties and responsibilities of this job.)

Inspect brake systems, steering mechanisms, wheel bearings, and other important parts to ensure that they are in proper operating condition.

Use handtools such as screwdrivers, pliers, wrenches, pressure gauges, and precision instruments, as well as power tools such as pneumatic wrenches, lathes, welding equipment, and jacks and hoists.

Adjust and reline brakes, align wheels, tighten bolts and screws, and reassemble equipment.

Examine and adjust protective guards, loose bolts, and specified safety devices.

Perform routine maintenance such as changing oil, checking batteries, and lubricating equipment and machinery.

Test drive trucks and buses to diagnose malfunctions or to ensure that they are working properly.

Raise trucks, buses, and heavy parts or equipment using hydraulic jacks or hoists.

Attach test instruments to equipment, and read dials and gauges to diagnose malfunctions.

Rebuild gas or diesel engines.

Inspect and verify dimensions and clearances of parts to ensure conformance to factory specifications.

[More Tasks for Bus and Truck Mechanics and Diesel Engine Specialists](#)

Top Skills used in this Job

Repairing - Repairing machines or systems using the needed tools.

Troubleshooting - Determining causes of operating errors and deciding what to do about it.

Operation and Control - Controlling operations of equipment or systems.

Operation Monitoring - Watching gauges, dials, or other indicators to make sure a machine is working properly.

Equipment Maintenance - Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.

Critical Thinking - Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

Quality Control Analysis - Conducting tests and inspections of products, services, or processes to evaluate quality or performance.

Judgment and Decision Making - Considering the relative costs and benefits of potential actions to choose the most appropriate one.

Equipment Selection - Determining the kind of tools and equipment needed to do a job.

Speaking - Talking to others to convey information effectively.

[More Skills for Bus and Truck Mechanics and Diesel Engine Specialists](#)

Top Abilities (Attributes of the person that influence performance in this job.)

Near Vision - The ability to see details at close range (within a few feet of the observer).

[More Abilities for Bus and Truck Mechanics and Diesel Engine Specialists](#)

Top Work Values (Aspects of this job that create satisfaction.)

Support - Occupations that satisfy this work value offer supportive management that stands behind employees.

Relationships - Occupations that satisfy this work value allow employees to provide service to others and work with co-workers in a friendly non-competitive environment.

Top Interests (The types of activities someone in this job would like.)

Realistic - Realistic occupations frequently involve work activities that include practical, hands-on problems and solutions. They often deal with plants, animals, and real-world materials like wood, tools, and machinery. Many of the occupations require working outside, and do not involve a lot of paperwork or working closely with others.

Conventional - Conventional occupations frequently involve following set procedures and routines. These occupations can include working with data and details more than with ideas. Usually there is a clear line of authority to follow.

[More Interests for Bus and Truck Mechanics and Diesel Engine Specialists](#)

Alternate Titles

Diesel Mechanics; Farm Equipment Engine Mechanics; Fleet Mechanics; Medium and Heavy Truck Mechanics; Tractor Trailer Mechanics

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