



AGRICULTURAL  
MECHANICS

# Maintenance/Service Technician

A Maintenance/Service Technician performs basic diagnosis and repairs on gasoline engines, diesel engines, transmissions, and various agricultural implements as well as lawn and garden equipment.



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# career profile

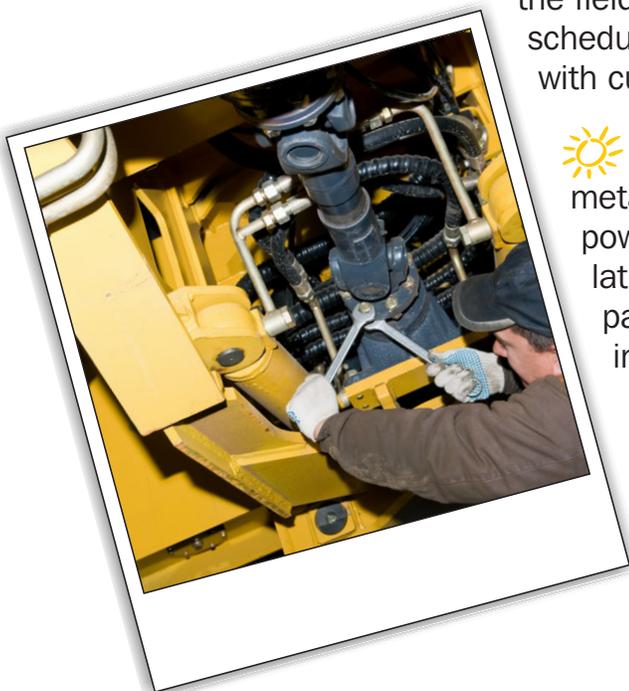
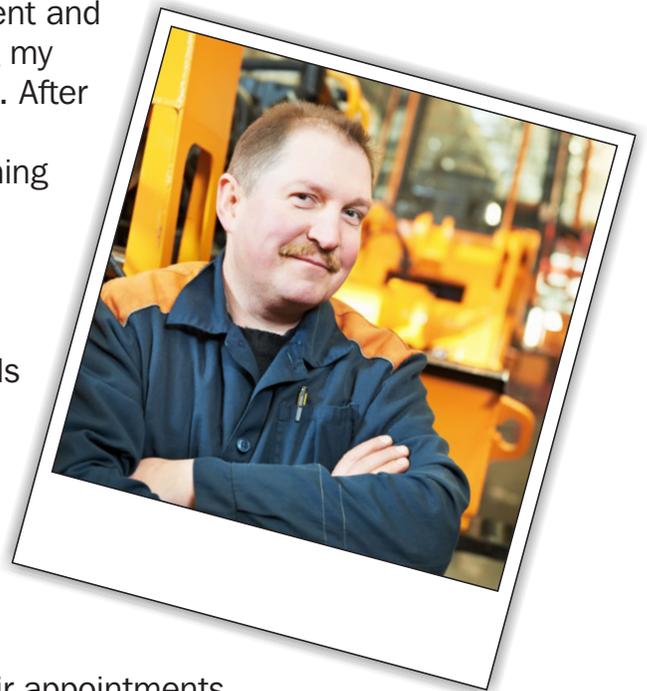
Name: Phillip Jackson  
Job Title: Maintenance/Service Technician

Employer: Louisiana Equipment

Education: High School Diploma,  
Quitman High School; Ruston, Louisiana

 I've always been interested in farm equipment and engines. Even when I was a kid I enjoyed helping my dad take apart and repair machinery on the farm. After high school, I was hired by a local equipment dealership. I then completed the company's training program.

 My responsibilities at the dealership are to assemble, maintain, and repair mechanical equipment. I read and interpret technical manuals associated with the equipment. I use computers and other technologies to investigate and repair mechanical equipment. I perform preventative maintenance on mechanical systems. Although much of my work is done in the shop, I am sometimes required to work on equipment in the field. I also schedule repair appointments with customers.



 I do a variety of related tasks, such as welding, metal fabrication, and electrical assembly. I operate power tools, including drill presses, grinders, engine lathes, and other machines, to modify or fabricate parts. I also maintain the condition of vehicles, inventory, tools, and equipment in the dealership.

 My job is great. I'm paid for doing what I like to do. While I really enjoy working on old pieces of equipment, I still have to keep my skills up-to-date. Because of constantly evolving technology and designs, my job never gets old.

# Maintenance/Service Technician

## overview



A **maintenance/service technician** performs basic diagnostics and repair on gasoline engines, diesel engines, transmissions, various agricultural implements, and lawn and garden equipment.

## suggested high school courses



[agricultural mechanics](#), science, and mathematics

## experience needed



Gain experience on the job. Plan and implement a related Supervised Agricultural Experience (SAE) Program.

## degree(s) required



A high school diploma is required. An associate's degree in industrial equipment technologies, mechanics, heavy equipment, and transport technology is preferred.

## potential employers



equipment manufacturers, farm equipment dealers

## salary range



\$35,790 to \$38,703

## employment outlook and trends



The future demand for maintenance/service technicians is **very good** depending on skills, certification, and location.

## professional organizations



International Fluid Power Society [www.ifps.org/](http://www.ifps.org/)  
Farm Equipment Manufacturers Association [www.farmequip.org/](http://www.farmequip.org/)  
Midwest Equipment Dealers Association [www.medaassn.com/](http://www.medaassn.com/)



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