

MECHANICS

12 Types of Mechanics And Their Job Duties – Part 3

8. Heavy equipment mechanic

Primary job duties of heavy equipment mechanics include:

- Inspecting trucks, cranes, bulldozers, and other heavy equipment for proper performance
- Diagnosing faults using computerized testing equipment
- Adjusting equipment and replacing faulty parts
- Repairing damaged equipment parts
- Cleaning, lubricating, and conducting routine services on heavy-duty vehicles
- Cleaning and servicing of machine attachments like winches, blades, and side booms
- Performing major repair work when necessary
- Consulting with other mechanics on smaller jobs





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- Reporting damaged or faulty equipment to management

9. Aircraft mechanic

Primary job duties of aircraft mechanics include:

- Inspect and examine aircraft components for leaks, cracks and breaks
- Read and utilize:
 - ✓ Blueprints
 - ✓ Maintenance manuals
 - ✓ Illustrated parts catalogues
 - ✓ Service bulletins
- Perform routine maintenance operations, such as the replacement of power plant and aircraft components





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- Perform hourly, daily and monthly inspections to check for:
 - ✓ cracks
 - ✓ oil leaks
 - ✓ burned areas
 - ✓ foreign object damage
 - ✓ warping
 - ✓ distortions
 - ✓ missing segments
- Promote safety within the workplace to guarantee all tasks are performed within safety guidelines
- Order supplies, equipment, materials and parts for repairs and general maintenance
- Keep detailed records of:
 - ✓ inspections performed
 - ✓ repairs finished
 - ✓ maintenance procedures
 - ✓ ordered parts





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10. Small engine mechanic

Primary job duties of small engine mechanics include:

- Remove and reinstall aircraft engines and secondary power components
- Repair lawn mowers, chain saws, trimmers, ATVs
- Perform diagnosis and repair on various types of lawnmowers, snowblowers, and other types of small engines
- Identify, troubleshoot and repair basic mechanical failures, damaged or defective equipment
- Document repairs, modifications and inspections
- Perform painting, drywall and finish trim

