



JOB DESCRIPTION

Position Title: Mechanic A	Department: Maintenance
FLSA Status: ATU	Supervises:
Reports To: Director of Maintenance	Incumbent:

JOB SUMMARY:

The Mechanic A troubleshoots, rebuilds, and repairs the most complex mechanical and technical systems and assemblies. The employee demonstrates more complex and technical procedures to Mechanics B and C as time permits. In addition, the employee performs other duties as assigned and repaired. The Mechanic A must be proficient in all duties of the B, C, and Utility Mechanic as well as the duties of the Night Service employee and Cleaner. Mechanic A job descriptions include all the requirements found in the B, C, Utility, Night Service and Cleaner descriptions.

ESSENTIAL FUNCTIONS:

WORK CONTENT

	<u>Time</u>	<u>Input</u>
<u>Diagnosis and Troubleshooting</u>	25%	45%
<ul style="list-style-type: none"> Diagnosing and troubleshooting complex mechanical and electrical problems Utilizing sophisticated computer-based equipment to isolate complex equipment problems Engine failure analysis Transmission failure analysis Employing extensive knowledge of all mechanical and electrical components of the bus to isolate problems 		
<u>Chassis</u>	14%	10%
<ul style="list-style-type: none"> Troubleshooting and handling extremely complex chassis problems Change worn out radius and lateral rods Includes everything behind the brake drum Rebuild steering and suspension components 		
<u>Electrical</u>	14%	10%
<ul style="list-style-type: none"> Read, understand, and act in accordance with complex circuit board schematic drawings Repair the most complex electrical components down to the circuit board level Repair, replace or rebuild complex electrical and electronic assemblies Draw schematics to reflect newly designed or modified electrical systems 		
<u>Transmission</u>	14%	10%
<ul style="list-style-type: none"> Rebuild transmissions components 		
<u>Powertrain</u>	14%	10%
<ul style="list-style-type: none"> Rebuild complex engine components 		

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Air Conditioning and Heating	14%	10%
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- Repair, rebuild, and repair complex mechanical parts including compressors and components

Miscellaneous Duties	5%	5%
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- Repair and maintain equipment
- Repair electronic equipment
- Mento lower-level mechanics in completing complex repairs
- Clean work area and equipment

Other Responsibilities:

- All other duties as assigned.

EDUCATION AND EXPERIENCE:

- High school diploma or equivalent
- Commercial Driver's License (Class A)
- Forklift License
- Automotive Service Excellence Certification L2 qualifications
- Passing score on the Mechanic A Qualification Test

KNOWLEDGE, SKILLS & ABILITIES:

- Highest-level understanding of entire brake and air system
- Highest-level understanding of schematic drawings
- Highest-level understanding of electronic systems
- Highest-level understanding of electrical systems
- Highest-level understanding of hydraulic systems
- Highest level understanding of engine and transmission failure analysis
- Highest-level knowledge of tool usage and specialized equipment
- Highest-level knowledge of suspension and steering systems
- Advanced understanding of computer-based diagnostic equipment
- Thorough knowledge of all appropriate safety procedures
- Highest-level troubleshooting – determining what is causing complex problems in any bus system or component
- Highest-level proficiency in welding and cutting techniques
- Mechanical aptitude
- Computer proficiency
- Proficiently use appropriate tools and diagnostic equipment including ABS diagnostic system
- Apply knowledge of schematic drawings to facilitate expedient repair of electrical systems
- Apply knowledge from formal and on-the-job training to on-the-job processes
- Communicate effectively with co-workers, management, and vendors
- Read and comprehend complex written materials
- Write simple work orders

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