



## Automotive Electrician

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### **Summary of Job Description**

The positions within Electrician II are responsible for performing a variety of tasks including routing harnesses and/or cables through truck frames and cabs along with installing lights and electrical parts. The employee must be able to read and understand blue prints and layouts and must be able to lay out electrical equipment needs. They may perform testing on equipment and troubleshoot necessary parts. The employee must keep a clean and safe working environment.

### **Essential Functions**

- Communicate verbally with co-workers to keep a safe working environment
- Follow written and verbal instructions to complete tasks
- Utilize check lists to track progression of work
- Pull, push, route, and secure wires and cables throughout truck frames and cabs accurately
- Operate hand and power tools including but not limited to tie gun, cordless drill, air ratchet, etc.
- Read and interpret blue prints and sales prints
- Lift light and/or heavy parts on and off a cart, floor, shelf, etc.
- Install, clean, and organize electrical parts
- Assist in inventory of parts
- Assist co-workers with lifting parts
- Understand the differences in wires, harnesses, cables, and tools
- Sweep and clean shop area
- Work required hours and have excellent attendance record
- Work overtime as needed
- Maintain a clean and safe working environment
- Read and interpret wiring diagrams
- Install hand run circuits to operate specific electrical options
- Perform electrical tests as needed

### **Marginal Work Functions**

*\*These functions may be considered essential based on location, position, and other factors.*

- Operate a forklift to transport parts to and from designated areas\*
- Drill holes for routing cables\*
- Use a computer to track down parts and view layout of wires and harnesses\*
- Test equipment, parts, and wires when necessary\*
- Work in confined spaces\*
- Use a cart to push/pull equipment and parts to and from designated areas
- Operate a hoist for heavy lifting of parts

### **Basic Qualifications**

- Associates Degree in Automotive Mechanics or Electro-Mechanical or equivalent
- At least 3 years of experience installing and testing electrical components and parts

### **Key Abilities Needed to Complete Essential Functions**

*\*All positions require the ability to perform the essential functions of the position with or without reasonable accommodations. Detailed physical job analysis available upon request.*

- Perform assigned tasks
- Demonstrate strong interpersonal communication skills
- Recognize and react to abnormal operating conditions
- Use and wear personal protective equipment as indicated by the task or environment
- Hear safety alarms and other co-workers
- Perform basic counting tasks
- Read tape measure, safety manuals, work orders, and blue prints effectively
- Follow instructions from supervisors and other co-workers
- Understand and identify safety issues
- Maintain balance when walking and standing on potential slippery work floor
- Maintain balance when climbing on a portable step to retrieve parts
- Climb into trucks with a step height up to 22"
- Individually lift and manipulate parts/equipment weighing up to 80 pounds
- Tolerate constant standing and walking throughout the shift
- Use both hands for tool operation, carrying of parts, and assisting co-workers with heavy lifting of parts
- Distinguish the difference in color of wires, harnesses, and cables
- Operate and access heavy equipment safely and effectively
- Remember task sequence and safety constraints