Automotive electricians install, maintain and repair electrical wiring, electronic components and computer based equipment in motor vehicles and related equipment.

**Job title examples**
- Automotive Electrician
- Automotive Electrical Mechanic
- Automotive Electrical Fitter
- Car Electrician

**Other jobs in this field of work**

**What automotive electricians do**
- use test equipment to locate electrical and electronic malfunctions
- dismantle and remove electrical and electronic assemblies and components
- install electrical equipment and electronic components in motor vehicles
- connect power-operated vehicle equipment and accessories to power supply
- adjust engine control systems and timing
- test and replace defective alternators, generators, voltage regulators and starter motors
- repair and replace faulty ignition and electrical wiring
- replace defective parts such as fuses, lamps and switches

**Main employing industries**
- Automotive electrical specialists, motor vehicle repairs, large transport firms and vehicle dealerships
- Manufacturing
- Wholesale
- Mining

**Qualifications**

The following government subsidised qualification is available in NSW:

**Certificate III in Automotive Electrical Technology** available as an apprenticeship or qualification

**Apprenticeships and traineeships:** Find out how to get an [apprenticeship or traineeship](http://www.smartandskilled.nsw.gov.au).
**Course fees**: You may be eligible for government subsidised training under Smart and Skilled. Go to the [Course Finder](#) to find training in your area, estimate your fee and find a training provider.

**Job prospects and pay**

- There are around 3,299 automotive electricians working in NSW.
- Over the next four years, employment in this occupation is expected to decline in NSW.
- Employers report state-wide automotive electrician shortages in NSW.

**Average weekly full time earnings (before tax):**

- Automotive electricians: $1,358
- All occupations: $1,200

**Related jobs**

- Electrician
- Electronics Trades Worker

To find out more regarding these related jobs, visit the [Job Guides Homepage](#).

**Information sources**

Occupations: Australian Bureau of Statistics, Australian and New Zealand Standard Classification of Occupations, 1220.0
Skills shortages: Department of Employment, Skill Shortage List NSW 2015-16
Job prospects: Centre of Policy Studies (CoPS), Victoria University, Employment Forecast Data for NSW 2015/16 to 2022/23