

Occupational Requirements – Vehicle Body Repair Technician

Applicants seeking recognition of their qualifications¹ or experience in relation to the automotive trade will need to demonstrate knowledge and understanding of the occupational standards listed below.

To be eligible for occupational recognition an applicant must have the minimum years of work experience equal to the full-time equivalent of the nominal term of the training contract for the occupation. For a Vehicle Body Repair Technician, the nominal term of the training contract is 48 months, so the minimum years of work experience required is 48 months (4 years).

Successful recognition of these qualifications or experience will result in the applicant gaining an **Occupational Certificate as a Vehicle Body Repair Technician**

Specific Technical Skills

- Apply original equipment manufacturer repair procedures during vehicle repairs
- Carry out
 - advanced gas metal arc welding on vehicle body sections
 - spot welding
- Follow environmental and sustainability best practice in an automotive workplace
- Follow safe working practices in an automotive workplace
- Inspect vehicle damage and determine repair procedures
- Interpret and apply automotive repair instructions
- Remove, store, and replace
 - major welded panels on vehicles
 - vehicle body components
 - electrical components
 - bolt-on vehicle body panels and components
- Repair the following
 - adhesive bonded structural damage on vehicles
 - vehicle body misalignment
 - vehicle body panels using filler
 - vehicle chassis, frame and associated components
- Test, charge and replace batteries and jump-start vehicles
- Use and maintain tools and equipment in an automotive workplace

Additional skills to consider

- Apply:
 - infection prevention and control procedures to own work activities
 - knowledge of ADAS technology to vehicle pre-repair scans

¹ Where these qualifications have not been obtained under a training contract (apprenticeship).

- rust prevention and sound deadening materials to vehicle body components
- Carry out:
 - oxyacetylene thermal heating and cutting on vehicle body sections
 - paint-less dent repairs on vehicle body panels
- Depower and reinitialise:
 - battery electric vehicles
 - hybrid electric vehicles
- Identify and repair high-strength aluminium components
- Install vehicle sunroofs
- Organise and communicate information*
- Prepare vehicles for customer use
- Provide work skill instruction
- Read and respond to automotive workplace information
- Remove and replace:
 - mechanical units during vehicle repair
 - vehicle and vessel seats and fittings
- Remove, replace and test non-electrical vehicle components and accessories
- Repair vehicle composite material components
- Resolve routine problems in an automotive workplace
- Select and apply adhesives in automotive and marine service and repair work
- Service air compressors and air lines
- Service and repair air compressors and components
- Undertake manual handling*
- Use hand tools*
- Work effectively with others in an automotive workplace
- Work safely and effectively in manufacturing and engineering

Vehicle Body Repair

- Carry out:
 - non-structural vehicle panel repairs
 - paint-less dent repairs on vehicle body panels
 - vehicle sectional repairs
- Identify and repair high strength steel vehicle components
- Remove and replace:
 - adhesive attached components on vehicles
 - vehicle supplementary restraint systems
 - vehicle structural damage
- Repair vehicle:
 - aluminium body panels using filler
 - aluminium body panels without the use of body filler
 - body panels using metal finishing
 - structural damage by riveting
 - thermoplastic body panels and components
- Set up and operate universal vehicle measuring systems

Vehicle Body Restoration

- Carry out:
 - soft soldering techniques
 - tungsten inert gas welding
- Fabricate:
 - automotive and marine trim components
 - vehicle body panels and components
 - vehicle composite material components
 - wooden components for vehicles
- Perform routine oxy fuel gas welding*
- Repair:
 - corroded vehicle body panels and components
 - vehicle body components using lead wiping
 - vehicle body panels using metal finishing

Heavy Vehicle Body and Chassis Repair

- Apply heat induction processes
- Carry out tungsten inert gas welding
- Install vehicle components
- Operate load shifting equipment
- Perform basic penetrant testing*
- Prepare vehicle substrates for refinishing
- Repair:
 - vehicle aluminium body panels without the use of body filler
 - vehicle structural damage by riveting
- Set up and operate universal vehicle measuring systems
- Work safely at heights