

# **AUR Automotive Retail, Service and Repair Training Package**

## **Version 7.2**

### **WA NOMINAL HOURS GUIDE**

## Introduction

This Guide has been generated to enable the stakeholders in this Industry in Western Australia to participate in the managed implementation of the National AUR Automotive Retail, Service and Repair Training Package.

This Guide is designed to aid Registered Training Organisations (RTOs) to convert from existing Training Package qualifications to new Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the endorsed components of the Training Package.

Version 7.2 of the AUR Automotive Retail, Service and Repair Training Package was released by Training.Gov.Au (TGA) on the 19/12/2023.

## Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications in accordance with the Standards for RTOs. For further information visit the Training Accreditation Council website [www.tac.wa.gov.au](http://www.tac.wa.gov.au).

## Nominal Hours

Nominal hours are the hours of training notionally required to achieve the outcomes of units of competency.

Nominal hours are identified for nationally endorsed qualifications. Nominal hours may vary for a qualification depending on the selection of units of competency.

In Western Australia, nominal hours are used as a mechanism for funding allocation.

## Contact Details

For Training Packages content information, please contact:

Training Curriculum Services

Tel: (08) 6551 5541

Email: [trainingpackages@dtwd.wa.gov.au](mailto:trainingpackages@dtwd.wa.gov.au)

## Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the training package.

| National Code | National Title   | Nominal Hours |
|---------------|--|---------------|
| AUR10120      | Certificate I in Automotive Vocational Preparation                     | 140           |
| AUR20116      | Certificate II in Automotive Administration                            | 220           |
| AUR20220      | Certificate II in Automotive Air Conditioning Technology               | 290           |
| AUR20320      | Certificate II in Bicycle Mechanical Technology                        | 355           |
| AUR20420      | Certificate II in Automotive Electrical Technology                     | 297           |
| AUR20520      | Certificate II in Automotive Servicing Technology                      | 365           |
| AUR20720      | Certificate II in Automotive Vocational Preparation                    | 230           |
| AUR20820      | Certificate II in Outdoor Power Equipment Technology                   | 286           |
| AUR20920      | Certificate II in Automotive Body Repair Technology                    | 317           |
| AUR21020      | Certificate II in Motor Sport Technology                               | 303           |
| AUR21120      | Certificate II in Automotive Sales                                     | 265           |
| AUR21220      | Certificate II in Automotive Underbody Technology                      | 314           |
| AUR21520      | Certificate II in Automotive Cylinder Head Reconditioning              | 400           |
| AUR21820      | Certificate II in Automotive Steering and Suspension System Technology | 250           |
| AUR21920      | Certificate II in Automotive Tyre Servicing Technology                 | 266           |
| AUR22021      | Certificate II in Automotive Accessory Fitting                         | 368           |
| AUR30116      | Certificate III in Automotive Administration                           | 400           |
| AUR30220      | Certificate III in Bicycle Workshop Operations                         | 674           |
| AUR30320      | Certificate III in Automotive Electrical Technology                    | 955           |
| AUR30420      | Certificate III in Agricultural Mechanical Technology                  | 1020          |
| AUR30520      | Certificate III in Marine Mechanical Technology                        | 840           |
| AUR30620      | Certificate III in Light Vehicle Mechanical Technology                 | 985           |
| AUR30720      | Certificate III in Outdoor Power Equipment Technology                  | 875           |

|          |   |      |
|----------|---|------|
| AUR30820 | Certificate III in Motorcycle Mechanical Technology               | 1000 |
| AUR30920 | Certificate III in Motor Sport Technology                         | 906  |
| AUR31020 | Certificate III in Automotive Sales                               | 490  |
| AUR31120 | Certificate III in Heavy Commercial Vehicle Mechanical Technology | 1095 |
| AUR31220 | Certificate III in Mobile Plant Technology                        | 1099 |
| AUR31316 | Certificate III in Automotive Engine Reconditioning               | 1045 |
| AUR31420 | Certificate III in Automotive Diesel Fuel Technology              | 591  |
| AUR31520 | Certificate III in Automotive Diesel Engine Technology            | 919  |
| AUR31820 | Certificate III in Heavy Commercial Trailer Technology            | 740  |
| AUR32120 | Certificate III in Automotive Body Repair Technology              | 902  |
| AUR32220 | Certificate III in Automotive Glazing Technology                  | 675  |
| AUR32320 | Certificate III in Automotive and Marine Trimming Technology      | 900  |
| AUR32420 | Certificate III in Automotive Refinishing Technology              | 900  |
| AUR32518 | Certificate III in Automotive Underbody Technology                | 633  |
| AUR32721 | Certificate III in Automotive Electric Vehicle Technology         | 805  |
| AUR40116 | Certificate IV in Automotive Management                           | 340  |
| AUR40216 | Certificate IV in Automotive Mechanical Diagnosis                 | 377  |
| AUR40320 | Certificate IV in Motor Sport Technology                          | 389  |
| AUR40520 | Certificate IV in Vehicle Loss Assessing                          | 665  |
| AUR40620 | Certificate IV in Automotive Electrical Technology                | 330  |
| AUR40720 | Certificate IV in Automotive Body Repair Technology               | 295  |
| AUR40820 | Certificate IV in Automotive Mechanical Overhauling               | 390  |
| AUR50116 | Diploma of Automotive Management                                  | 500  |
| AUR50216 | Diploma of Automotive Technology                                  | 440  |

## Skill Sets and Nominal Hours

The following table provides a summary of the skill sets and nominal hours in the training package.

| National Code | National Title  | Nominal Hours |
|---------------|---|---------------|
| AURSS00026    | Percussive Drill Maintenance and Advanced Systems Diagnosis Skill Set | 120           |
| AURSS00027    | Automotive CNG Installation, Service and Repair Skill Set             | 91            |
| AURSS00028    | Automotive CNG Service and Repair Skill Set                           | 61            |
| AURSS00029    | Automotive Electrical Skill Set for Light Vehicle Technicians         | 325           |
| AURSS00031    | Automotive LNG Service and Repair Skill Set                           | 61            |
| AURSS00032    | Automotive LPG Installation, Service and Repair Skill Set             | 91            |
| AURSS00033    | Automotive LPG Service and Repair Skill Set                           | 61            |
| AURSS00036    | Heavy Commercial Vehicle Skill Set for Light Vehicle Technicians      | 435           |
| AURSS00037    | Hybrid Electric Vehicle Inspection and Servicing Skill Set            | 65            |
| AURSS00038    | Mobile Plant Skill Set for Agricultural Equipment Technicians         | 234           |
| AURSS00039    | Mobile Plant Skill Set for Heavy Commercial Vehicle Technicians       | 350           |
| AURSS00040    | Mobile Plant Skill Set for Light Vehicle Technicians                  | 454           |
| AURSS00041    | Vehicle Air Conditioning Install and Overhaul Skill Set               | 56            |
| AURSS00042    | Vehicle Air Conditioning Installation Skill Set                       | 20            |
| AURSS00043    | Vehicle Air Conditioning Overhaul Skill Set                           | 36            |
| AURSS00044    | Vehicle Air Conditioning Service, Retrofit and Repair Skill Set       | 80            |
| AURSS00045    | Vehicle Refrigerant Recovery Skill Set                                | 10            |
| AURSS00046    | Advanced Body Repair Skill Set  | 155           |
| AURSS00047    | Advanced Body Repair Welding Skill Set                                | 65            |
| AURSS00048    | Advanced Vehicle Refinishing Skill Set                                | 171           |
| AURSS00049    | Vehicle Climate Control and HVAC Diagnostic Specialist Skill Set      | 162           |
| AURSS00050    | Vehicle Body Repair Estimator Skill Set                               | 79            |
| AURSS00051    | Marine Transition Skill Set   | 165           |

|            |   |     |
|------------|---|-----|
| AURSS00052 | Light Vehicle Wheel Alignment Skill Set                     | 80  |
| AURSS00053 | Heavy Vehicle Wheel Alignment Skill Set                     | 80  |
| AURSS00054 | Light Vehicle Automatic Driveline Technology Skill Set      | 115 |
| AURSS00055 | Heavy Vehicle Automatic Driveline Technology Skill Set      | 125 |
| AURSS00056 | Light Vehicle Manual Driveline Technology Skill Set         | 112 |
| AURSS00057 | Heavy Vehicle Manual Driveline Technology Skill Set         | 132 |
| AURSS00058 | LPG Fuel Systems Skill Set                                  | 61  |
| AURSS00059 | LNG Fuel Systems Skill Set                                  | 61  |
| AURSS00060 | CNG Fuel Systems Skill Set                                  | 61  |
| AURSS00061 | Motorsports Marketing Skill Set                             | 150 |
| AURSS00062 | Electric Bicycles Skill Set                                 | 70  |
| AURSS00063 | Battery Electric Vehicle Diagnose and Repair Skill Set      | 230 |
| AURSS00064 | Battery Electric Vehicle Inspection and Servicing Skill Set | 100 |

## Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in the training package.

| National Code | National Title  | Nominal Hours |
|---------------|---|---------------|
| AURAAA001     | Work in an automotive administration role   | 20            |
| AURAAA002     | Determine retail rates for automotive products and services   | 32            |
| AURACA001     | Respond to customer needs and enquiries in an automotive workplace                                  | 20            |
| AURACA002     | Manage complex customer requirements in an automotive workplace                                     | 24            |
| AURACA003     | Build customer relations in an automotive workplace   | 30            |
| AURACA101     | Respond to customer needs and enquiries in an automotive workplace                                  | 20            |
| AURACA102     | Manage complex customer requirements in an automotive workplace                                     | 24            |
| AURACA103     | Build customer relations in an automotive workplace   | 30            |
| AURAEA001     | Identify environmental and sustainability requirements in an automotive service or repair workplace | 16            |
| AURAEA002     | Follow environmental and sustainability best practice in an automotive workplace                    | 20            |
| AURAEA003     | Monitor environmental and sustainability best practice in an automotive workplace                   | 20            |
| AURAEA004     | Manage environmental and sustainability best practice in an automotive workplace                    | 32            |
| AURAF A001    | Use numbers in an automotive workplace  | 20            |
| AURAF A002    | Read and respond to automotive workplace information  | 12            |
| AURAF A003    | Communicate effectively in an automotive workplace  | 20            |
| AURAF A004    | Resolve routine problems in an automotive workplace   | 20            |
| AURAF A005    | Write routine texts in an automotive workplace  | 20            |
| AURAF A006    | Conduct research and present technical reports  | 40            |
| AURAF A007    | Develop and document specifications and procedures  | 40            |
| AURAF A009    | Carry out research into the automotive industry   | 35            |
| AURAF A103    | Communicate effectively in an automotive workplace  | 20            |
| AURAF A104    | Resolve routine problems in an automotive workplace   | 20            |
| AURAF A105    | Write routine texts in an automotive workplace  | 20            |

|           |   |    |
|-----------|---|----|
| AURAF106  | Conduct research and present technical reports  | 40 |
| AURAF108  | Interpret and apply automotive repair instructions                                      | 18 |
| AURAF110  | Identify routine problems in an automotive workplace                                    | 15 |
| AURAKA001 | Use information technology systems  | 20 |
| AURAKA002 | Adapt work processes to new technologies in an automotive workplace                     | 30 |
| AURALA001 | Comply with legal aspects of a service and repair contract in an automotive workplace   | 30 |
| AURAMA001 | Work effectively with others in an automotive workplace                                 | 20 |
| AURAMA002 | Communicate business information in an automotive workplace                             | 16 |
| AURAMA003 | Conduct information sessions in an automotive workplace                                 | 24 |
| AURAMA004 | Maintain business image in an automotive workplace                                      | 30 |
| AURAMA005 | Manage complex customer issues in an automotive workplace                               | 32 |
| AURAMA006 | Contribute to planning and implementing business improvement in an automotive workplace | 32 |
| AURAMA102 | Communicate business information in an automotive workplace                             | 16 |
| AURANN011 | Estimate and quote automotive body repairs  | 32 |
| AURQA001  | Contribute to quality work outcomes in an automotive workplace                          | 20 |
| AURQA002  | Inspect technical quality of work in an automotive workplace                            | 30 |
| AURQA003  | Maintain quality processes in an automotive workplace                                   | 30 |
| AURASA001 | Apply automotive workplace safety fundamentals  | 10 |
| AURASA002 | Follow safe working practices in an automotive workplace                                | 20 |
| AURASA102 | Follow safe working practices in an automotive workplace                                | 20 |
| AURATA001 | Identify basic automotive faults using troubleshooting processes                        | 24 |
| AURATA002 | Read, interpret and apply engineering drawings  | 20 |
| AURATA004 | Provide technical guidance  | 30 |
| AURATA005 | Estimate and quote automotive mechanical and electrical repairs                         | 30 |
| AURBCA002 | Select and adjust bicycles to fit riders  | 5  |
| AURBCA101 | Work in a retail bicycle environment  | 20 |
| AURBCA102 | Select and adjust bicycles to fit riders  | 5  |



|           |   |    |
|-----------|---|----|
| AURBTA001 | Remove and tag bicycle components                       | 12 |
| AURBTA005 | Restore bicycles  | 30 |
| AURBTA007 | Provide mechanical support during cycling events        | 20 |
| AURBTA102 | Adjust bicycles and components                          | 10 |
| AURBTA103 | Assemble bicycles                                       | 30 |
| AURBTA104 | Assemble new boxed bicycles for retail sale             | 20 |
| AURBTA106 | Assemble components for custom bicycles                 | 20 |
| AURBTA108 | Disassemble and pack a bicycle for transport            | 20 |
| AURBTB002 | Service bicycle hydraulic braking systems               | 20 |
| AURBTB003 | Repair and overhaul bicycle hydraulic braking systems   | 30 |
| AURBTB101 | Service and repair bicycle mechanical braking systems   | 20 |
| AURBTD101 | Service bicycle steering systems                        | 20 |
| AURBTD102 | Service bicycle suspension systems                      | 20 |
| AURBTD103 | Repair and overhaul bicycle steering systems            | 30 |
| AURBTD104 | Repair and overhaul bicycle suspension systems          | 30 |
| AURBTJ101 | Remove, repair and refit bicycle tyres                  | 20 |
| AURBTJ102 | Service bicycle wheels and hubs                         | 20 |
| AURBTJ103 | Design and build bicycle wheels                         | 30 |
| AURBTJ104 | Repair and overhaul bicycle wheels and hubs             | 20 |
| AURBTK101 | Maintain specialised bicycle repair tools and equipment | 10 |
| AURBTQ001 | Service bicycle drivetrain systems                      | 20 |
| AURBTQ002 | Repair and overhaul bicycle drivetrain systems          | 30 |
| AURBTR002 | Install and adjust bicycle electronic gear shifters     | 20 |
| AURBTR101 | Inspect and service electric power-assisted bicycles    | 20 |
| AURBTR103 | Retrofit electric drivetrain systems to bicycles        | 25 |
| AURBTR104 | Diagnose and repair electric bicycles                   | 25 |
| AURBTV101 | Remove, refit and adjust bicycle accessories            | 20 |

|           |  |    |
|-----------|--|----|
| AURBTY001 | Repair bicycle frames  | 30 |
| AURETA001 | Analyse and evaluate electrical and electronic faults in electronic over hydraulic systems           | 36 |
| AURETA002 | Analyse and evaluate electrical and electronic faults in body management systems                     | 32 |
| AURETA003 | Analyse and evaluate electrical and electronic faults in monitoring and protection systems           | 36 |
| AURETA004 | Analyse and evaluate electrical and electronic faults in convenience and entertainment systems       | 36 |
| AURETA005 | Analyse and evaluate electrical and electronic faults in theft-deterrent systems                     | 32 |
| AURETA006 | Analyse and evaluate electrical and electronic faults in air conditioning and HVAC systems           | 32 |
| AURETB002 | Analyse and evaluate electrical and electronic faults in dynamic control management systems          | 32 |
| AURETB101 | Diagnose and repair electric braking systems   | 30 |
| AURETD011 | Diagnose and repair electronically controlled steering systems                                       | 30 |
| AURETD101 | Diagnose and repair electronically controlled steering systems                                       | 30 |
| AURETE001 | Analyse and evaluate electrical and electronic faults in engine management systems                   | 36 |
| AURETH001 | Depower and reinitialise battery electric vehicles   | 10 |
| AURETH002 | Service and maintain battery electric vehicles   | 20 |
| AURETH003 | Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicle     | 30 |
| AURETH004 | Diagnose and repair traction motor speed control systems in battery electric vehicles                | 30 |
| AURETH005 | Diagnose and repair high voltage traction motors in battery electric vehicles                        | 50 |
| AURETH006 | Diagnose and repair auxiliary motors and associated components in battery electric vehicles          | 40 |
| AURETH007 | Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles        | 40 |
| AURETH008 | Diagnose and repair HVAC and rechargeable energy storage cooling systems in battery electric vehicle | 40 |
| AURETH009 | Diagnose and repair DC to DC converters in battery electric vehicles                                 | 40 |
| AURETH010 | Diagnose and repair high voltage rechargeable energy storage systems in hybrid electric vehicles     | 15 |
| AURETH011 | Depower and reinitialise hybrid electric vehicles  | 20 |
| AURETH012 | Service and maintain electrical components in hybrid electric vehicles                               | 30 |
| AURETH013 | Analyse and evaluate electrical and electronic faults in HEV and BEV management systems              | 36 |
| AURETH015 | Diagnose, remove and replace heavy electric vehicle rechargeable energy storage systems              | 25 |
| AURETH016 | Diagnose and repair complex faults in battery electric vehicle powertrains                           | 55 |

|           |  |    |
|-----------|--|----|
| AURETH101 | Depower and reinitialise battery electric vehicles   | 10 |
| AURETH102 | Inspect and maintain battery electric vehicles   | 20 |
| AURETH103 | Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicles    | 30 |
| AURETH104 | Diagnose and repair traction motor speed control systems in battery electric vehicles                | 30 |
| AURETH105 | Diagnose and repair high voltage traction motors in battery electric vehicles                        | 50 |
| AURETH106 | Diagnose and repair auxiliary motors and associated components in battery electric vehicles          | 40 |
| AURETH107 | Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles        | 40 |
| AURETH108 | Diagnose and repair HVAC and rechargeable energy storage cooling systems in battery electric vehicle | 40 |
| AURETH109 | Diagnose and repair DC to DC converters in battery electric vehicles                                 | 40 |
| AURETH110 | Diagnose and repair high voltage rechargeable energy storage systems in hybrid electric vehicles     | 15 |
| AURETH114 | Diagnose complex faults in hybrid and battery electric vehicle network management systems            | 45 |
| AURETK001 | Identify, select and use low voltage electrical test equipment                                       | 10 |
| AURETK002 | Use and maintain electrical test equipment in an automotive workplace                                | 18 |
| AURETK003 | Operate electrical test equipment  | 35 |
| AURETR001 | Remove and tag automotive electrical system components   | 22 |
| AURETR002 | Inspect heavy vehicle battery storage systems  | 20 |
| AURETR005 | Install automotive security systems and components   | 20 |
| AURETR006 | Solder electrical wiring and circuits  | 20 |
| AURETR007 | Apply knowledge of automotive electrical circuits and wiring systems                                 | 18 |
| AURETR008 | Remove and replace electrical units and assemblies   | 15 |
| AURETR009 | Install vehicle lighting and wiring systems  | 20 |
| AURETR010 | Repair wiring harnesses and looms  | 55 |
| AURETR011 | Install basic ancillary electrical systems and components  | 20 |
| AURETR012 | Test and repair basic electrical circuits  | 30 |
| AURETR013 | Inspect, test and service charging systems   | 10 |
| AURETR014 | Inspect, test and service starting systems   | 10 |
| AURETR016 | Read and apply vehicle wiring schematics and drawings  | 10 |

|           |  |    |
|-----------|--|----|
| AURETR017 | Overhaul charging system alternators   | 40 |
| AURETR018 | Overhaul starting system motors  | 30 |
| AURETR019 | Inspect, service and repair AC electric motor drive systems                        | 30 |
| AURETR020 | Diagnose and repair network electronic control systems                             | 45 |
| AURETR021 | Inspect, service and repair electronic management, monitoring and tracking systems | 30 |
| AURETR022 | Diagnose and repair vehicle dynamic control systems                                | 50 |
| AURETR024 | Diagnose and repair compression ignition engine management systems                 | 45 |
| AURETR025 | Test, charge and replace batteries and jump-start vehicles                         | 20 |
| AURETR026 | Remove, replace and program electrical and electronic units and assemblies         | 20 |
| AURETR027 | Install ancillary electronic systems and components                                | 35 |
| AURETR028 | Diagnose and repair instruments and warning systems                                | 30 |
| AURETR032 | Diagnose and repair automotive electrical systems                                  | 44 |
| AURETR033 | Develop and apply network electronic control system modifications                  | 36 |
| AURETR034 | Develop and apply electrical system modifications                                  | 36 |
| AURETR037 | Diagnose complex faults in light vehicle safety systems                            | 45 |
| AURETR042 | Remove, refit and operate electrical components following body repair activities   | 20 |
| AURETR043 | Diagnose and repair electronic body management systems                             | 45 |
| AURETR045 | Inspect, service and repair DC electric motor drive systems                        | 35 |
| AURETR048 | Construct and test basic electronic circuits                                       | 35 |
| AURETR049 | Install in-vehicle entertainment and convenience                                   | 35 |
| AURETR051 | Diagnose, repair and replace precision agriculture systems                         | 35 |
| AURETR103 | Identify automotive electrical systems and components                              | 10 |
| AURETR104 | Diagnose complex faults in convenience and entertainment systems                   | 45 |
| AURETR112 | Test and repair basic electrical circuits  | 30 |
| AURETR115 | Inspect, test and service batteries  | 20 |
| AURETR116 | Read and apply vehicle wiring schematics and drawings                              | 10 |
| AURETR120 | Diagnose and repair network electronic control systems                             | 45 |

|           |   |    |
|-----------|---|----|
| AURETR121 | Diagnose, repair and replace heavy vehicle electronic management, monitoring and tracking systems | 30 |
| AURETR122 | Diagnose and repair vehicle dynamic control systems   | 60 |
| AURETR123 | Diagnose and repair spark ignition engine management systems                                      | 55 |
| AURETR124 | Diagnose and repair compression ignition engine management systems                                | 55 |
| AURETR125 | Test, charge and replace batteries and jump-start vehicles  | 20 |
| AURETR128 | Diagnose and repair instruments and warning systems   | 30 |
| AURETR129 | Diagnose and repair charging systems  | 25 |
| AURETR130 | Diagnose and repair starting systems  | 30 |
| AURETR131 | Diagnose and repair ignition systems  | 30 |
| AURETR132 | Diagnose and repair automotive electrical systems   | 50 |
| AURETR135 | Apply knowledge of petrol and diesel engine operation   | 30 |
| AURETR136 | Diagnose and repair electronically controlled suspension systems                                  | 30 |
| AURETR137 | Diagnose complex faults in light vehicle safety systems   | 45 |
| AURETR138 | Diagnose complex faults in motorcycle electrical and electronic systems                           | 45 |
| AURETR139 | Diagnose complex faults in light vehicle theft-deterrent systems                                  | 45 |
| AURETR140 | Diagnose complex faults in vehicle monitoring and protection systems                              | 45 |
| AURETR143 | Diagnose and repair electronic body management systems  | 45 |
| AURETR144 | Diagnose and repair integrated engine and transmission management systems                         | 45 |
| AURETR146 | Remove and refit vehicle batteries  | 15 |
| AURETR147 | Recharge vehicle batteries  | 15 |
| AURETR149 | Apply knowledge of ADAS technology in vehicle pre-repair scans                                    | 25 |
| AURETR236 | Diagnose and repair electronically controlled suspension systems                                  | 30 |
| AURETU001 | Install air conditioning systems  | 20 |
| AURETU002 | Recover vehicle refrigerants  | 10 |
| AURETU003 | Service air conditioning and HVAC systems   | 20 |
| AURETU004 | Diagnose and repair air conditioning and HVAC systems   | 30 |
| AURETU005 | Retrofit and modify air conditioning and HVAC systems   | 30 |

|           |   |    |
|-----------|---|----|
| AURETU006 | Diagnose complex faults in air conditioning and HVAC systems                            | 45 |
| AURETU007 | Overhaul air conditioning and HVAC system compressors                                   | 36 |
| AURETU102 | Recover vehicle refrigerants  | 10 |
| AURETU103 | Service air conditioning and HVAC systems   | 20 |
| AURETU104 | Diagnose and repair air conditioning and HVAC components                                | 30 |
| AURETU105 | Retrofit automotive air conditioning and HVAC systems                                   | 30 |
| AURETU106 | Diagnose complex faults in air conditioning and HVAC systems                            | 45 |
| AURETX001 | Analyse and evaluate electrical and electronic faults in driveline management systems   | 36 |
| AURHTA001 | Carry out heavy vehicle pre-repair cleaning   | 10 |
| AURHTB001 | Diagnose and repair heavy vehicle air braking systems                                   | 40 |
| AURHTB002 | Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems      | 30 |
| AURHTB003 | Overhaul hydraulic and air over hydraulic braking system components                     | 36 |
| AURHTB005 | Analyse and evaluate faults in heavy commercial vehicle braking systems                 | 36 |
| AURHTB101 | Diagnose and repair heavy vehicle air braking systems                                   | 40 |
| AURHTB106 | Diagnose complex faults in heavy commercial vehicle braking systems                     | 45 |
| AURHTB107 | Diagnose and repair heavy commercial vehicle electronic braking systems                 | 35 |
| AURHTD001 | Inspect heavy commercial vehicle suspension systems                                     | 10 |
| AURHTD002 | Diagnose and repair heavy commercial vehicle steering systems                           | 40 |
| AURHTD003 | Diagnose and repair heavy commercial vehicle suspension systems                         | 40 |
| AURHTD004 | Carry out heavy vehicle wheel alignment operations                                      | 30 |
| AURHTD005 | Analyse and evaluate faults in heavy commercial vehicle steering and suspension systems | 36 |
| AURHTD102 | Diagnose and repair heavy vehicle steering systems                                      | 40 |
| AURHTD103 | Diagnose and repair heavy vehicle suspension systems                                    | 40 |
| AURHTD104 | Carry out heavy vehicle wheel alignment operations                                      | 30 |
| AURHTD106 | Diagnose complex faults in heavy commercial vehicle steering and suspension systems     | 45 |
| AURHTE001 | Remove and install heavy vehicle engine assemblies                                      | 24 |
| AURHTE002 | Diagnose and repair heavy vehicle compression ignition engines                          | 50 |

OFFICIAL

|           |   |    |
|-----------|---|----|
| AURHTE004 | Analyse and evaluate faults in heavy commercial vehicle engine and fuel systems               | 36 |
| AURHTE102 | Diagnose and repair heavy vehicle compression ignition engines                                | 50 |
| AURHTE103 | Diagnose complex faults in heavy vehicle diesel engines                                       | 45 |
| AURHTF001 | Inspect heavy commercial vehicle fuel systems   | 18 |
| AURHTF002 | Diagnose and repair heavy vehicle diesel fuel injection systems                               | 70 |
| AURHTF102 | Diagnose and repair heavy vehicle diesel fuel injection systems                               | 70 |
| AURHTJ001 | Inspect heavy commercial vehicle wheels and tyres   | 10 |
| AURHTJ007 | Remove, inspect, repair and refit industrial tyres and tubes                                  | 35 |
| AURHTJ102 | Select heavy vehicle tyres, wheels and rims   | 25 |
| AURHTJ103 | Remove, inspect and refit heavy vehicle wheel and tyre assemblies                             | 20 |
| AURHTJ104 | Remove, inspect, repair and refit agricultural equipment tyres and tubes                      | 35 |
| AURHTJ106 | Remove, inspect, repair and refit heavy vehicle tyres and tubes                               | 20 |
| AURHTL101 | Inspect, diagnose and repair alternative fuel systems in heavy vehicle engines                | 60 |
| AURHTQ001 | Inspect heavy commercial vehicle driveline components   | 5  |
| AURHTQ003 | Diagnose and repair heavy vehicle drive shafts  | 30 |
| AURHTQ102 | Diagnose and repair heavy commercial vehicle final drive assemblies                           | 30 |
| AURHTQ103 | Diagnose and repair heavy vehicle drive shafts  | 30 |
| AURHTR105 | Diagnose and repair heavy commercial trailer electronically controlled roll stability systems | 20 |
| AURHTX001 | Diagnose and repair heavy vehicle manual transmissions  | 40 |
| AURHTX002 | Inspect, test and replace heavy vehicle automatic transmissions                               | 70 |
| AURHTX101 | Diagnose and repair heavy vehicle manual transmissions  | 40 |
| AURHTX103 | Diagnose and repair heavy vehicle automatic transmissions                                     | 40 |
| AURHTX104 | Diagnose and repair heavy vehicle clutch systems  | 30 |
| AURHTX106 | Diagnose complex faults in heavy commercial vehicle transmission and driveline systems        | 45 |
| AURHTY001 | Inspect and service mechanical connections of heavy vehicles and trailers over 4.5 tonnes     | 5  |
| AURHTY102 | Diagnose and repair mechanical connections of heavy vehicles and trailers over 4.5 tonnes     | 10 |
| AURHTZ001 | Diagnose and repair heavy vehicle emission control systems                                    | 30 |

|           |   |    |
|-----------|---|----|
| AURHTZ101 | Diagnose and repair heavy vehicle emission control systems            | 40 |
| AURJTA001 | Carry out minor adjustments to motorcycles                            | 10 |
| AURJTA002 | Remove and replace motorcycle components and accessories              | 10 |
| AURJTB101 | Diagnose and repair motorcycle braking systems                        | 35 |
| AURJTD001 | Inspect motorcycle suspension systems                                 | 10 |
| AURJTD002 | Inspect motorcycle steering systems                                   | 10 |
| AURJTD103 | Diagnose and repair motorcycle suspension systems                     | 25 |
| AURJTD104 | Diagnose and repair motorcycle steering systems                       | 25 |
| AURJTD105 | Diagnose complex faults in motorcycle steering and suspension systems | 45 |
| AURJTE101 | Diagnose and repair motorcycle engines                                | 55 |
| AURJTE102 | Diagnose complex faults in motorcycle engine and transmission systems | 45 |
| AURJTE103 | Inspect and service motorcycle engines                                | 40 |
| AURJTE104 | Diagnose and repair motorcycle engine management systems              | 55 |
| AURJTJ001 | Remove, inspect and refit motorcycle wheel and tyre assemblies        | 18 |
| AURJTJ002 | Remove, inspect, repair and refit motorcycle tyres and tubes          | 35 |
| AURJTJ003 | Remove and refit motorcycle wheel and tyre assemblies                 | 10 |
| AURJTQ001 | Inspect and service motorcycle driveline systems                      | 5  |
| AURJTQ102 | Diagnose and repair motorcycle driveline systems                      | 20 |
| AURJTR102 | Diagnose and repair motorcycle charging systems                       | 25 |
| AURJTR103 | Diagnose and repair motorcycle starting systems                       | 25 |
| AURJTR104 | Diagnose and repair motorcycle dynamic control systems                | 45 |
| AURJTX101 | Diagnose and repair motorcycle clutch systems                         | 30 |
| AURJTX102 | Diagnose and repair motorcycle manual transmissions                   | 35 |
| AURJTX103 | Diagnose and repair motorcycle automatic transmissions                | 45 |
| AURJTY001 | Repair and align motorcycle frames                                    | 20 |
| AURKKJ001 | Manage use of tyre management software                                | 35 |
| AURKTA001 | Synchronise plant and equipment                                       | 30 |



|           |  |    |
|-----------|--|----|
| AURKTA002 | Inspect, service and repair crop harvesting equipment  | 20 |
| AURKTA003 | Inspect, service and repair crop planting and seeding equipment                                | 20 |
| AURKTA004 | Inspect, service and repair spraying and spreading equipment                                   | 20 |
| AURKTA005 | Inspect, service and repair track type drive and support systems                               | 30 |
| AURKTA010 | Inspect, service and repair hay cutting, raking and baling equipment                           | 35 |
| AURKTA011 | Diagnose and repair mobile plant hydraulic systems   | 55 |
| AURKTA109 | Diagnose complex faults in mobile plant hydraulic systems                                      | 45 |
| AURKTA111 | Diagnose and repair mobile plant hydraulic systems   | 55 |
| AURKTB001 | Diagnose and repair mobile plant braking systems   | 40 |
| AURKTB002 | Analyse and evaluate faults in wheeled mobile plant braking systems                            | 36 |
| AURKTB101 | Diagnose and repair mobile plant braking systems   | 40 |
| AURKTB103 | Diagnose complex faults in mobile plant braking systems  | 45 |
| AURKTD002 | Diagnose and repair mobile plant steering systems  | 35 |
| AURKTD101 | Diagnose and repair mobile plant suspension systems  | 35 |
| AURKTD102 | Diagnose and repair mobile plant steering systems  | 35 |
| AURKTD105 | Diagnose complex faults in mobile plant steering and suspension systems                        | 45 |
| AURKTJ011 | Remove, inspect and fit earthmoving and off-the-road tyres                                     | 35 |
| AURKTJ012 | Remove, inspect and fit earthmoving and off-the-road wheel and rim assemblies                  | 35 |
| AURKTJ013 | Perform minor repairs to earthmoving and off-the-road tyres                                    | 20 |
| AURKTJ015 | Select earthmoving and off-the-road tyres, wheels and rim assemblies for specific applications | 20 |
| AURKTJ016 | Use earthmoving and off-the-road tyre handlers   | 20 |
| AURKTQ001 | Diagnose and repair mobile plant final drive assemblies  | 30 |
| AURKTQ101 | Diagnose and repair mobile plant final drive assemblies  | 30 |
| AURKTR001 | Diagnose and repair electronic over hydraulic control systems                                  | 35 |
| AURKTR101 | Diagnose and repair electronic over hydraulic control systems                                  | 35 |
| AURKTX001 | Diagnose and repair powershift transmissions   | 50 |
| AURKTX101 | Diagnose and repair powershift transmissions   | 50 |

|           |  |    |
|-----------|--|----|
| AURKTX103 | Diagnose complex faults in mobile plant transmission and driveline systems   | 45 |
| AURKTX104 | Diagnose and repair continuously variable transmissions                      | 55 |
| AURLLD011 | Determine compliance of steering and suspension modifications                | 30 |
| AURLTA101 | Identify automotive mechanical systems and components                        | 15 |
| AURLTB001 | Overhaul light vehicle braking system components                             | 32 |
| AURLTB002 | Analyse and evaluate faults in light vehicle braking systems                 | 36 |
| AURLTB003 | Diagnose and repair light vehicle hydraulic braking systems                  | 30 |
| AURLTB103 | Diagnose and repair light vehicle hydraulic braking systems                  | 30 |
| AURLTB104 | Diagnose complex faults in light vehicle braking systems                     | 45 |
| AURLTD002 | Service and repair light vehicle lift assisted suspension systems            | 30 |
| AURLTD004 | Diagnose and repair light vehicle steering systems                           | 30 |
| AURLTD005 | Diagnose and repair light vehicle suspension systems                         | 30 |
| AURLTD006 | Carry out light vehicle wheel alignment operations                           | 30 |
| AURLTD007 | Analyse and evaluate faults in light vehicle steering and suspension systems | 36 |
| AURLTD008 | Replace and refit steering, suspension and braking system components         | 35 |
| AURLTD013 | Carry out advanced light vehicle wheel alignment operations                  | 25 |
| AURLTD101 | Select and install performance enhanced suspension system products           | 30 |
| AURLTD104 | Diagnose and repair light vehicle steering systems                           | 30 |
| AURLTD105 | Diagnose and repair light vehicle suspension systems                         | 30 |
| AURLTD106 | Carry out light vehicle wheel alignment operations                           | 30 |
| AURLTD109 | Diagnose complex faults in light vehicle steering and suspension systems     | 45 |
| AURLTE001 | Remove and install light vehicle engine assemblies                           | 24 |
| AURLTE002 | Diagnose and repair light vehicle engines                                    | 50 |
| AURLTE003 | Analyse and evaluate faults in light vehicle engine and fuel systems         | 36 |
| AURLTE102 | Diagnose and repair light vehicle engines                                    | 50 |
| AURLTE104 | Diagnose complex faults in light vehicle petrol engines                      | 45 |
| AURLTE105 | Diagnose complex faults in light vehicle diesel engines                      | 45 |

|           |   |    |
|-----------|---|----|
| AURLTF101 | Diagnose and repair light vehicle mechanical fuel injection systems                   | 30 |
| AURLTF102 | Diagnose and repair light vehicle diesel fuel injection systems                       | 45 |
| AURLTJ002 | Remove, inspect, repair and refit light vehicle tyres and tubes                       | 12 |
| AURLTJ011 | Select light vehicle wheels and tyres   | 20 |
| AURLTJ013 | Remove, inspect and refit light vehicle wheel and tyre assemblies                     | 20 |
| AURLTJ102 | Remove, inspect, repair and refit light vehicle tyres and tubes                       | 12 |
| AURLTJ104 | Provide advice on the effects of light vehicle wheel and tyre combinations            | 10 |
| AURLTJ113 | Remove, inspect and refit light vehicle wheel and tyre assemblies                     | 20 |
| AURLTQ003 | Analyse and evaluate faults in light vehicle transmission and driveline systems       | 36 |
| AURLTQ012 | Diagnose and repair light vehicle drive shafts  | 20 |
| AURLTQ101 | Diagnose and repair light vehicle final drive assemblies                              | 30 |
| AURLTQ102 | Diagnose and repair light vehicle drive shafts  | 20 |
| AURLTX013 | Diagnose and repair light vehicle clutch systems                                      | 30 |
| AURLTX101 | Diagnose and repair light vehicle manual transmissions                                | 30 |
| AURLTX102 | Diagnose and repair light vehicle automatic transmissions                             | 30 |
| AURLTX103 | Diagnose and repair light vehicle clutch systems                                      | 30 |
| AURLTX104 | Diagnose complex faults in light vehicle automatic transmission and driveline systems | 45 |
| AURLTZ101 | Diagnose and repair light vehicle emission control systems                            | 30 |
| AURMBA002 | Load and unload competition vehicles and support equipment                            | 18 |
| AURMBA101 | Transport light competition vehicles and support equipment                            | 10 |
| AURMCA101 | Manage motor sport team media liaison   | 40 |
| AURMCA102 | Manage motor sport team promotional partnerships and marketing                        | 40 |
| AURMDA002 | Assist with officiating duties at motor sport events                                  | 5  |
| AURMDA101 | Develop and update motor sport industry knowledge                                     | 10 |
| AURMDA107 | Act as a steward at motor sport events  | 20 |
| AURMGA101 | Set up and dismantle temporary work location and equipment at motor sport events      | 16 |
| AURMGA102 | Manage personal presentation and development in a motor sport environment             | 32 |

|           |  |    |
|-----------|--|----|
| AURMKA001 | Manage motor sport data  | 40 |
| AURMLA001 | Apply motor sport rules and regulations when officiating                             | 10 |
| AURMLA003 | Inspect vehicles and equipment at motor sport events for compliance                  | 20 |
| AURMMA007 | Follow motor sport event and team safety requirements                                | 20 |
| AURMMA101 | Operate in a motor sport environment   | 20 |
| AURMMA102 | Manage the preparation of motor sport competition vehicles                           | 40 |
| AURMMA103 | Manage motor sport operations  | 50 |
| AURMMA104 | Manage motor sport team development  | 40 |
| AURMMA108 | Coordinate operations of a motor sport team  | 30 |
| AURMSA001 | Follow motor sport safety and risk management procedures                             | 10 |
| AURMTA005 | Perform pit lane and service area operations at motor sport events                   | 16 |
| AURMTA006 | Perform torquing and fastening on motor sport competition vehicles                   | 18 |
| AURMTA007 | Conduct non-destructive testing  | 30 |
| AURMTA008 | Apply aerodynamic and vehicle dynamic principles and effects to competition vehicles | 50 |
| AURMTA101 | Prepare and service light competition vehicles                                       | 20 |
| AURMTA102 | Assemble and prepare competition vehicles for motor sport events                     | 24 |
| AURMTA103 | Determine material suitability for competition vehicle components                    | 40 |
| AURMTA104 | Prepare competition vehicles at motor sport events                                   | 18 |
| AURMTA109 | Collect and log motor sport data   | 20 |
| AURMTD001 | Test suspension dampers using a dynamometer  | 32 |
| AURMTD002 | Prepare competition vehicle suspension   | 32 |
| AURMTE001 | Test engines using a dynamometer   | 32 |
| AURMTE101 | Test engines using a dynamometer   | 32 |
| AURMTF001 | Analyse and repair performance carburetted fuel systems                              | 36 |
| AURMTF002 | Analyse and repair performance fuel injection systems                                | 36 |
| AURMTJ001 | Select and prepare motor sport competition vehicle tyres and wheels                  | 26 |
| AURMTQ001 | Analyse and repair faults in performance driveline systems                           | 36 |

|           |  |    |
|-----------|--|----|
| AURMTQ101 | Analyse and repair faults in performance driveline systems           | 36 |
| AURMTS001 | Construct hose and pipe assemblies for competition vehicles          | 20 |
| AURNTA001 | Inspect, service and repair forklift mast assemblies                 | 30 |
| AURNTB101 | Diagnose and repair forklift hydraulic braking systems               | 35 |
| AURNTD101 | Diagnose and repair forklift hydrostatic steering systems            | 35 |
| AURPTA101 | Carry out pre-repair operations to outdoor power equipment           | 5  |
| AURPTA102 | Carry out minor adjustments to outdoor power equipment               | 10 |
| AURPTA103 | Service and repair rotary cutting systems                            | 16 |
| AURPTA104 | Service and repair drum cutting systems                              | 20 |
| AURPTA105 | Service and repair chainsaw cutting systems                          | 20 |
| AURPTA106 | Inspect and service line trimming systems and components             | 15 |
| AURPTA107 | Service and repair post boring systems                               | 16 |
| AURPTA108 | Service and repair post hole digging systems                         | 16 |
| AURPTA109 | Service and repair reciprocating cutting systems                     | 16 |
| AURPTA110 | Inspect and service pumping systems                                  | 20 |
| AURPTA111 | Diagnose and repair pumping systems                                  | 30 |
| AURPTE102 | Inspect and service outdoor power equipment engines                  | 20 |
| AURPTE103 | Diagnose and repair outdoor power equipment engines                  | 26 |
| AURPTE104 | Overhaul outdoor power equipment engines                             | 32 |
| AURPTR002 | Test and service electric outdoor power equipment                    | 20 |
| AURPTR101 | Test and service 240 volt portable generators                        | 10 |
| AURPTR102 | Test and service electric outdoor power equipment                    | 20 |
| AURPTR103 | Service and repair outdoor power equipment engine management systems | 35 |
| AURPTR104 | Inspect and service cordless electric tool skins                     | 17 |
| AURPTR105 | Diagnose and repair cordless electric tool skins                     | 20 |
| AURPTR106 | Deploy and service autonomous outdoor power equipment                | 15 |
| AURRTA006 | Water test vessels   | 16 |

|           |   |    |
|-----------|---|----|
| AURRTC001 | Diagnose and repair marine exhaust and cooling systems            | 25 |
| AURRTC101 | Diagnose and repair marine exhaust and cooling systems            | 25 |
| AURRTD101 | Diagnose and repair marine steering systems                       | 24 |
| AURRTE001 | Carry out wet run tests on vessel outboard engines                | 10 |
| AURRTE002 | Inspect and service marine outboard engines                       | 20 |
| AURRTE003 | Inspect and service marine inboard engines                        | 20 |
| AURRTE008 | Install marine engines, controls and instruments                  | 30 |
| AURRTE010 | Test marine engines in water tanks                                | 16 |
| AURRTE011 | Overhaul two and four-stroke cycle marine outboard engines        | 40 |
| AURRTE106 | Diagnose and repair marine outboard engines                       | 40 |
| AURRTE107 | Diagnose and repair marine inboard engines                        | 40 |
| AURRTF001 | Diagnose and repair petrol and diesel marine fuel systems         | 70 |
| AURRTQ001 | Inspect and service marine inboard propeller drive systems        | 30 |
| AURRTQ002 | Inspect and service marine jet drive propulsion systems           | 20 |
| AURRTQ005 | Install marine jet drive propulsion systems                       | 30 |
| AURRTQ104 | Diagnose and repair marine inboard propeller drive systems        | 30 |
| AURRTQ106 | Diagnose and repair marine jet drive propulsion systems           | 25 |
| AURRTR001 | Inspect, service and maintain marine battery storage systems      | 10 |
| AURRTR006 | Diagnose and repair marine electrical systems                     | 30 |
| AURRTR007 | Install marine electrical systems and components                  | 15 |
| AURRTR106 | Diagnose and repair marine electrical systems                     | 30 |
| AURRTR108 | Diagnose and repair marine network electronic control systems     | 35 |
| AURRTX001 | Inspect and service marine outboard and stern drive transmissions | 20 |
| AURRTX002 | Inspect and service marine inboard transmissions                  | 16 |
| AURRTX003 | Diagnose and repair marine outboard and stern drive transmissions | 30 |
| AURRTX004 | Diagnose and repair marine inboard transmissions                  | 30 |
| AURRTX103 | Diagnose and repair marine outboard and stern drive transmissions | 30 |

|           |  |    |
|-----------|--|----|
| AURRTX104 | Diagnose and repair marine inboard transmissions                             | 30 |
| AURSA001  | Process customer complaints in an automotive workplace                       | 16 |
| AURSA002  | Maintain customer aftermarket relations                                      | 15 |
| AURSBA001 | Carry out warehousing procedures in an automotive workplace                  | 16 |
| AURSBA102 | Identify and match uncommon automotive parts                                 | 30 |
| AURSCA004 | Carry out cash and non-cash payment operations                               | 20 |
| AURSCA005 | Sell automotive products and services  | 20 |
| AURSCA006 | Promote automotive products and services                                     | 20 |
| AURSCA007 | Determine used motor vehicle stock requirements                              | 24 |
| AURSCA008 | Wholesale used motor vehicle stock   | 30 |
| AURSCA010 | Appraise and purchase used motor vehicles for sale                           | 30 |
| AURSCA011 | Conduct online transactions in an automotive workplace                       | 35 |
| AURSCA101 | Select and supply automotive parts and products                              | 20 |
| AURSCA102 | Present automotive products and services for sale                            | 16 |
| AURSCA103 | Apply sales procedures in an automotive workplace                            | 16 |
| AURSCA104 | Carry out cash and non-cash payment operations                               | 20 |
| AURSCA105 | Sell automotive products and services  | 20 |
| AURSCA106 | Promote automotive products and services                                     | 20 |
| AURSCA109 | Provide vehicle technology information                                       | 15 |
| AURSCA111 | Conduct online transactions in an automotive workplace                       | 35 |
| AURSCP101 | Provide information to customers on automotive refinishing products          | 12 |
| AURSLA001 | Comply with legal requirements when selling automotive products and services | 20 |
| AURTGA001 | Drive and manoeuvre trailers   | 30 |
| AURTNA001 | Estimate and quote automotive vehicle or machinery modifications             | 36 |
| AURTTA001 | Remove and tag steering, suspension and braking system components            | 16 |
| AURTTA002 | Assist with automotive workplace activities                                  | 36 |
| AURTTA003 | Use and maintain basic mechanical measuring devices                          | 16 |

|           |   |    |
|-----------|---|----|
| AURTTA005 | Select and use bearings, seals, gaskets, sealants and adhesives         | 20 |
| AURTTA006 | Inspect and service hydraulic systems                                   | 30 |
| AURTTA007 | Inspect, service and repair pneumatic systems                           | 20 |
| AURTTA008 | Produce patterns and templates  | 20 |
| AURTTA009 | Carry out mechanical pre-repair operations                              | 20 |
| AURTTA010 | Service and repair trailers up to 4.5 tonnes                            | 20 |
| AURTTA011 | Install hydraulic systems to specified applications                     | 30 |
| AURTTA012 | Fabricate and install fluid power hose assemblies                       | 30 |
| AURTTA013 | Diagnose and repair hydraulic systems                                   | 40 |
| AURTTA014 | Assemble and install pneumatic system components                        | 30 |
| AURTTA017 | Carry out vehicle safety inspections                                    | 16 |
| AURTTA018 | Carry out diagnostic procedures   | 30 |
| AURTTA020 | Apply heat induction processes  | 15 |
| AURTTA021 | Diagnose complex system faults  | 40 |
| AURTTA022 | Develop and apply mechanical system modifications                       | 40 |
| AURTTA026 | Diagnose complex faults in electronic over hydraulic systems            | 45 |
| AURTTA104 | Carry out servicing operations  | 40 |
| AURTTA105 | Select and use bearings, seals, gaskets, sealants and adhesives         | 20 |
| AURTTA113 | Diagnose and repair hydraulic systems                                   | 40 |
| AURTTA118 | Develop and carry out diagnostic test strategies                        | 30 |
| AURTTA121 | Diagnose complex system faults  | 40 |
| AURTTA125 | Diagnose complex faults in vehicle integrated stability control systems | 45 |
| AURTTA126 | Diagnose complex faults in electronic over hydraulic systems            | 45 |
| AURTTA127 | Carry out basic vehicle servicing operations                            | 35 |
| AURTTB001 | Inspect and service braking systems                                     | 20 |
| AURTTB004 | Inspect and service air braking systems                                 | 20 |
| AURTTB006 | Inspect, service and repair auxiliary braking systems                   | 30 |



|            |   |    |
|------------|---|----|
| AURTTB007  | Remove and replace brake assemblies                               | 20 |
| AURTTB012  | Attach friction materials and radius grind                        | 20 |
| AURTTB013  | Machine brake drums and brake disc rotors                         | 16 |
| AURTTB015  | Assemble and fit braking system components                        | 30 |
| AURTTB101  | Inspect and service braking systems                               | 20 |
| AURTTTC001 | Inspect and service cooling systems                               | 20 |
| AURTTTC002 | Repair radiators  | 20 |
| AURTTTC004 | Remove and replace radiators                                      | 20 |
| AURTTTC103 | Diagnose and repair cooling systems                               | 20 |
| AURTTD001  | Inspect steering systems  | 20 |
| AURTTD002  | Inspect and service steering systems                              | 20 |
| AURTTD003  | Inspect suspension systems  | 16 |
| AURTTD004  | Inspect and service suspension systems                            | 20 |
| AURTTD005  | Overhaul steering system components                               | 36 |
| AURTTD006  | Remove and replace vehicle front suspension springs               | 25 |
| AURTTD007  | Remove and replace steering assemblies                            | 20 |
| AURTTE001  | Apply knowledge of engine science                                 | 40 |
| AURTTE003  | Remove and tag engine system components                           | 22 |
| AURTTE004  | Inspect and service engines                                       | 20 |
| AURTTE005  | Overhaul engines  | 60 |
| AURTTE006  | Remove and replace conventional engine assemblies                 | 20 |
| AURTTE007  | Dismantle and assemble single cylinder four-stroke petrol engines | 35 |
| AURTTE008  | Dismantle and assemble multi-cylinder four-stroke petrol engines  | 35 |
| AURTTE009  | Remove and replace engine cylinder heads                          | 20 |
| AURTTE104  | Inspect and service engines                                       | 20 |
| AURTTTF002 | Inspect and service diesel fuel injection systems                 | 16 |
| AURTTTF003 | Overhaul diesel fuel injection system components                  | 36 |

|           |  |    |
|-----------|--|----|
| AURTTF005 | Diagnose and repair engine forced-induction systems                  | 24 |
| AURTTF007 | Overhaul carburettor fuel system components                          | 32 |
| AURTTF101 | Inspect and service petrol fuel systems                              | 20 |
| AURTTF102 | Inspect and service diesel fuel injection systems                    | 16 |
| AURTTF105 | Diagnose and repair engine forced-induction systems                  | 24 |
| AURTTF106 | Diagnose and repair petrol carburettor systems                       | 30 |
| AURTTJ003 | Remove and replace wheel and tyre assemblies                         | 10 |
| AURTTJ011 | Balance wheels and tyres   | 10 |
| AURTTJ012 | Remove, inspect and refit wheel hubs and associated brake components | 20 |
| AURTTK001 | Use and maintain measuring equipment in an automotive workplace      | 16 |
| AURTTK002 | Use and maintain tools and equipment in an automotive workplace      | 20 |
| AURTTK102 | Use and maintain tools and equipment in an automotive workplace      | 30 |
| AURTTL001 | Inspect and service CNG fuel systems                                 | 30 |
| AURTTL002 | Diagnose and repair CNG fuel systems                                 | 31 |
| AURTTL003 | Install CNG fuel systems   | 30 |
| AURTTL004 | Inspect and service LNG fuel systems                                 | 30 |
| AURTTL005 | Diagnose and repair LNG fuel systems                                 | 31 |
| AURTTL007 | Inspect and service LPG fuel systems                                 | 30 |
| AURTTL008 | Diagnose and repair LPG fuel systems                                 | 31 |
| AURTTL009 | Install LPG fuel systems   | 30 |
| AURTTL014 | Analyse and evaluate faults in gas fuel systems                      | 36 |
| AURTTL015 | Develop and apply gas fuel system modifications                      | 40 |
| AURTTL102 | Diagnose and repair CNG fuel systems                                 | 31 |
| AURTTL104 | Inspect and service LNG fuel systems                                 | 30 |
| AURTTL105 | Diagnose and repair LNG fuel systems                                 | 31 |
| AURTTL108 | Diagnose and repair LPG fuel systems                                 | 31 |
| AURTTL111 | Diagnose complex faults in CNG fuel systems                          | 45 |

|           |  |     |
|-----------|--|-----|
| AURTTL112 | Diagnose complex faults in LNG fuel systems                      | 45  |
| AURTTL113 | Diagnose complex faults in LPG fuel systems                      | 45  |
| AURTTM001 | Operate and monitor computer numerical control machines          | 30  |
| AURTTM002 | Repair bearing tunnels and connecting rods in engines            | 40  |
| AURTTM003 | Apply metal to rebuild engine components                         | 60  |
| AURTTM004 | Assemble engine blocks and sub-assemblies                        | 70  |
| AURTTM005 | Balance rotating and reciprocating engine components             | 40  |
| AURTTM006 | Perform advanced machining and blueprinting of engine components | 40  |
| AURTTM007 | Carry out crankshaft grinding                                    | 60  |
| AURTTM008 | Dismantle and evaluate engine blocks and sub-assemblies          | 70  |
| AURTTM009 | Fit sleeves and bore and hone engine cylinders                   | 60  |
| AURTTM010 | Heat treat, straighten and reclaim engine components             | 40  |
| AURTTM011 | Recondition engine cylinder heads                                | 120 |
| AURTTM012 | Carry out camshaft grinding                                      | 55  |
| AURTTQ001 | Inspect and service final drive assemblies                       | 15  |
| AURTTQ002 | Remove and refit driveline components                            | 12  |
| AURTTQ003 | Inspect and service drive shafts                                 | 16  |
| AURTTQ004 | Overhaul final drive assemblies                                  | 32  |
| AURTTQ103 | Inspect and service drive shafts                                 | 16  |
| AURTTR101 | Diagnose complex faults in engine management systems             | 45  |
| AURTTS101 | Fabricate exhaust systems and components                         | 24  |
| AURTTW001 | Carry out soft soldering techniques                              | 30  |
| AURTTW002 | Set, operate and monitor specialist reconditioning machines      | 30  |
| AURTTW003 | Carry out machining operations                                   | 30  |
| AURTTX001 | Remove and tag driveline components                              | 16  |
| AURTTX002 | Inspect and service manual transmissions                         | 20  |
| AURTTX003 | Inspect and service automatic transmissions                      | 20  |

|           |  |    |
|-----------|--|----|
| AURTTX004 | Inspect and service hydrostatic transmissions                                    | 24 |
| AURTTX006 | Diagnose and repair hydrostatic transmissions                                    | 40 |
| AURTTX007 | Overhaul clutch assemblies   | 40 |
| AURTTX008 | Overhaul manual transmissions  | 32 |
| AURTTX009 | Overhaul automatic transmissions   | 40 |
| AURTTX011 | Overhaul torque converters   | 25 |
| AURTTX012 | Dismantle and assemble conventional manual transmissions                         | 35 |
| AURTTX013 | Remove and replace clutch assemblies   | 20 |
| AURTTX015 | Inspect and service clutch systems   | 10 |
| AURTTX102 | Inspect and service manual transmissions   | 20 |
| AURTTX103 | Inspect and service automatic transmissions                                      | 20 |
| AURTTX104 | Inspect and service hydrostatic transmissions                                    | 24 |
| AURTTX106 | Diagnose and repair hydrostatic transmissions                                    | 40 |
| AURTTY001 | Repair vehicle chassis, frame and associated components                          | 20 |
| AURTTZ001 | Inspect and service emission control systems                                     | 10 |
| AURTTZ002 | Diagnose and repair exhaust systems  | 20 |
| AURTTZ102 | Diagnose and repair exhaust systems  | 20 |
| AURVLA001 | Identify and report vehicle claim fraud indicators                               | 30 |
| AURVNA001 | Provide vehicle loss assessments and identify repair requirements                | 80 |
| AURVNA002 | Provide vehicle total loss assessments   | 30 |
| AURVNA003 | Review vehicle repair quotations   | 40 |
| AURVNA004 | Apply insurance industry knowledge to vehicle loss assessments                   | 80 |
| AURVNA005 | Inspect quality of vehicle repair work   | 20 |
| AURVNA006 | Identify and value vehicle salvage   | 30 |
| AURVNA008 | Apply automotive body and paint knowledge to vehicle loss assessments            | 40 |
| AURVNA107 | Apply automotive mechanical and electrical knowledge to vehicle loss assessments | 40 |
| AURVNN101 | Evaluate vehicle bodywork for damage and identify repair requirements            | 40 |

|           |   |    |
|-----------|---|----|
| AURVNP101 | Evaluate vehicle paintwork for damage and identify refinish requirements    | 40 |
| AURVTA001 | Prepare vehicles for customer use   | 20 |
| AURVTA002 | Remove and replace vehicle supplementary restraint systems                  | 30 |
| AURVTA003 | Inspect vehicle paint, trim and accessories and recommend repair procedures | 40 |
| AURVTA005 | Clean vehicles  | 20 |
| AURVTA104 | Inspect damaged vehicle systems and recommend repairs                       | 30 |
| AURVTG006 | Apply vehicle window tinting  | 20 |
| AURVTG007 | Clean vehicle glass surfaces  | 10 |
| AURVTG008 | Cut and process vehicle and machinery flat laminated glass                  | 30 |
| AURVTG011 | Install side vehicle windows  | 30 |
| AURVTG101 | Repair laminated glass windscreens  | 20 |
| AURVTG102 | Remove and install rubber glazed windscreens                                | 20 |
| AURVTG103 | Remove and install butyl sealed windscreens                                 | 20 |
| AURVTG104 | Remove and install direct glazed windscreens                                | 20 |
| AURVTG105 | Remove and install framed type windscreens                                  | 20 |
| AURVTG109 | Remove and install vehicle fixed body glass                                 | 30 |
| AURVTG110 | Remove and install vehicle movable body glass                               | 30 |
| AURVTG112 | Remove and install heavy vehicle rubber and direct glazed windscreens       | 30 |
| AURVTG113 | Remove and install large vehicle windscreens                                | 30 |
| AURVTK001 | Use and maintain vehicle body repair hand tools                             | 15 |
| AURVTN001 | Remove and tag vehicle body components                                      | 22 |
| AURVTN003 | Remove and store vehicle body components                                    | 24 |
| AURVTN005 | Remove and replace adhesive attached components on vehicles                 | 20 |
| AURVTN006 | Remove and replace mechanical units during vehicle repair                   | 20 |
| AURVTN007 | Remove and clean salvageable vehicle components                             | 20 |
| AURVTN008 | Clean vehicle body and door openings  | 20 |
| AURVTN009 | Clean vehicle engines and engine components                                 | 20 |

|           |  |    |
|-----------|--|----|
| AURVTN010 | Clean vehicle underbody  | 20 |
| AURVTN017 | Repair vehicle thermoplastic body panels and components                        | 30 |
| AURVTN018 | Repair and replace vehicle structural damage                                   | 58 |
| AURVTN021 | Repair vehicle body components using lead wiping                               | 30 |
| AURVTN022 | Repair vehicle body misalignment   | 48 |
| AURVTN023 | Repair adhesive bonded structural damage on vehicles                           | 30 |
| AURVTN025 | Repair corroded vehicle body panels and components                             | 32 |
| AURVTN028 | Identify and repair high strength steel vehicle components                     | 40 |
| AURVTN029 | Set up and operate universal vehicle measuring systems                         | 20 |
| AURVTN030 | Service air compressors and air lines  | 16 |
| AURVTN031 | Carry out vehicle sectional repairs  | 54 |
| AURVTN035 | Apply original equipment manufacturer repair procedures during vehicle repairs | 15 |
| AURVTN039 | Set up body alignment equipment on vehicles                                    | 35 |
| AURVTN041 | Remove and realign vehicle body panels   | 35 |
| AURVTN042 | Dismantle vehicle components   | 20 |
| AURVTN043 | Install external vehicle equipment   | 45 |
| AURVTN102 | Carry out non-structural vehicle panel repairs                                 | 30 |
| AURVTN104 | Remove, replace and align bolt-on vehicle body panels and components           | 58 |
| AURVTN111 | Remove and install vehicle rear vision mirrors                                 | 10 |
| AURVTN112 | Install vehicle sunroofs   | 30 |
| AURVTN113 | Carry out paint-less dent repairs on vehicle body panels                       | 30 |
| AURVTN115 | Repair vehicle body panels using metal finishing                               | 40 |
| AURVTN116 | Repair vehicle body panels using filler  | 30 |
| AURVTN119 | Repair vehicle structural damage by riveting                                   | 30 |
| AURVTN120 | Remove and replace major welded panels on vehicles                             | 48 |
| AURVTN123 | Repair adhesive bonded structural damage on vehicles                           | 30 |
| AURVTN126 | Repair vehicle aluminium body panels without the use of body filler            | 30 |

|           |  |    |
|-----------|--|----|
| AURVTN127 | Repair vehicle aluminium body panels using filler  | 30 |
| AURVTN128 | Identify and repair high strength steel vehicle components                                   | 40 |
| AURVTN132 | Inspect vehicle damage and determine repair procedures                                       | 34 |
| AURVTN133 | Service and repair air compressors and components  | 20 |
| AURVTN134 | Evaluate vehicle body repair materials, equipment and work processes                         | 36 |
| AURVTN135 | Apply original equipment manufacturer repair procedures during vehicle repairs               | 15 |
| AURVTN137 | Test vehicle components for correct operation  | 20 |
| AURVTN138 | Carry out basic repairs to vehicle body panels   | 35 |
| AURVTN140 | Repair vehicle plastic components  | 20 |
| AURVTN143 | Identify and repair high strength aluminium components                                       | 35 |
| AURVTP002 | Mask vehicle panels and components   | 32 |
| AURVTP005 | Apply rust prevention and sound deadening materials to vehicle body components               | 16 |
| AURVTP006 | Apply refinishing primers to vehicle surfaces  | 40 |
| AURVTP008 | Clean and polish vehicle paint surfaces  | 20 |
| AURVTP018 | Rectify vehicle multi-layer and pearl paint faults using two-pack systems                    | 36 |
| AURVTP019 | Prepare and paint plastic and composite vehicle surfaces                                     | 24 |
| AURVTP020 | De-nib, buff and polish vehicle painted surfaces   | 30 |
| AURVTP021 | Restore vehicle body exterior paint  | 30 |
| AURVTP024 | Apply clear over base multi-layer and pearl refinishing materials to vehicle body components | 56 |
| AURVTP025 | Apply water-based refinishing materials to vehicle bodies and substrates                     | 54 |
| AURVTP026 | Apply basic airbrush techniques to vehicle body panels                                       | 40 |
| AURVTP101 | Remove paint from vehicle painted surfaces   | 20 |
| AURVTP103 | Prepare vehicle spray painting equipment for use   | 24 |
| AURVTP104 | Apply basic colour matching techniques using vehicle paint codes                             | 24 |
| AURVTP107 | Touch up minor vehicle paintwork damage  | 16 |
| AURVTP109 | Apply vehicle body film wrapping   | 15 |
| AURVTP110 | Prepare and operate vehicle paint drying equipment   | 30 |

|           |  |    |
|-----------|--|----|
| AURVTP111 | Apply solid acrylic two-pack materials to vehicle components                                 | 48 |
| AURVTP112 | Apply air dry and polyurethane refinishing materials   | 32 |
| AURVTP113 | Prepare vehicle substrates for refinishing   | 32 |
| AURVTP114 | Colour match multi-layer and clear over base two-pack paints on vehicles and components      | 36 |
| AURVTP115 | Match direct gloss solid paint colour on vehicles or components                              | 30 |
| AURVTP116 | Rectify and touch up vehicle direct gloss paint faults using two-pack systems                | 36 |
| AURVTP117 | Rectify and touch up vehicle paint faults using clear over base two-pack systems             | 36 |
| AURVTP118 | Rectify vehicle multi-layer and pearl paint faults using two-pack systems                    | 36 |
| AURVTP123 | Apply clear over base two-pack refinishing materials to vehicle body components              | 48 |
| AURVTP124 | Apply clear over base multi-layer and pearl refinishing materials to vehicle body components | 56 |
| AURVTP125 | Apply water-based refinishing materials to vehicle bodies and substrates                     | 54 |
| AURVTP128 | Carry out custom painting techniques to vehicle body panels                                  | 80 |
| AURVTP129 | Prepare surface and prime repaired body panels   | 45 |
| AURVTP130 | Apply paint to vehicle body panels   | 80 |
| AURVTP131 | Cut and polish painted vehicle body panels   | 25 |
| AURVTP132 | Prepare and mask vehicle body panel surfaces   | 20 |
| AURVTS001 | Fabricate wooden components for vehicles   | 40 |
| AURVTS006 | Fabricate automotive and marine trim components  | 20 |
| AURVTS103 | Fabricate vehicle composite material components  | 30 |
| AURVTS104 | Repair vehicle composite material components   | 30 |
| AURVTS105 | Fabricate vehicle body panels and components   | 35 |
| AURVTT001 | Carry out sewing repairs to automotive and marine trim                                       | 40 |
| AURVTT002 | Carry out repairs and alterations to automotive and marine trim                              | 40 |
| AURVTT003 | Remove and replace automotive and marine interior trim components                            | 20 |
| AURVTT004 | Trim vehicle components  | 68 |
| AURVTT005 | Select trim and fabric materials   | 20 |
| AURVTT006 | Apply trimming adhesives   | 12 |



|           |  |    |
|-----------|--|----|
| AURVTT007 | Clean plastic trim and fittings of vehicles                                    | 20 |
| AURVTT008 | Clean vehicle interior trim  | 20 |
| AURVTT009 | Remove and replace vehicle and vessel seats and fittings                       | 20 |
| AURVTT010 | Remove and manufacture or repair vehicle head lining                           | 44 |
| AURVTT012 | Conduct sewing operations  | 40 |
| AURVTT013 | Fabricate and fit loose and fitted covers to vehicle seats and components      | 40 |
| AURVTT014 | Fabricate and fit marine covers  | 40 |
| AURVTT015 | Fabricate and install canvas products for automotive and marine components     | 40 |
| AURVTT017 | Fabricate and install automotive and marine floor coverings                    | 40 |
| AURVTT018 | Fabricate and install automotive and marine soft top hoods                     | 40 |
| AURVTT020 | Select and use leather in automotive and marine trimming                       | 70 |
| AURVTT021 | Select and apply adhesives in automotive and marine service and repair work    | 15 |
| AURVTT119 | Fabricate and install automotive and marine frames, canopies and side curtains | 30 |
| AURVTT121 | Select and apply adhesives in automotive and marine service and repair work    | 15 |
| AURVTV001 | Remove, replace and test non-electrical vehicle components and accessories     | 20 |
| AURVTW001 | Carry out manual metal arc welding on components                               | 20 |
| AURVTW002 | Carry out oxyacetylene brazing of components                                   | 20 |
| AURVTW003 | Carry out advanced gas metal arc welding on vehicle body sections              | 30 |
| AURVTW004 | Carry out tungsten inert gas welding   | 20 |
| AURVTW005 | Carry out spot welding   | 20 |
| AURVTW006 | Carry out thermoplastic welding on vehicle trim components                     | 30 |
| AURVTW007 | Carry out oxyacetylene thermal heating and cutting on vehicle body sections    | 15 |
| AURVTW009 | Carry out basic gas metal arc welding  | 20 |
| AURVTW010 | Set up and use welding equipment   | 35 |
| AURVTW018 | Carry out oxyacetylene welding, thermal heating and cutting                    | 30 |
| AURVTW101 | Carry out manual metal arc welding on components                               | 30 |
| AURVTW103 | Carry out advanced gas metal arc welding on vehicle body sections              | 40 |

|           |                                       |    |
|-----------|---------------------------------------|----|
| AURVTW104 | Carry out tungsten inert gas welding  | 30 |
| AURVTW105 | Carry out spot welding                | 20 |
| AURVTW109 | Carry out basic gas metal arc welding | 30 |

## Mapping Qualifications

The following table provides an overview of the qualifications from Version 7.2 which replace qualifications from the existing version of the AUR Automotive Retail, Service and Repair Training Package.

| AUR Current Qualification |                |               | AUR Replacement Qualification |               |                |               |
|---------------------------|----------------|---------------|-------------------------------|---------------|----------------|---------------|
| National Code             | National Title | Nominal Hours | E / NE                        | National Code | National Title | Nominal Hours |

No changes occurred between AUR v7 & 7.2.

## Mapping Skill Sets

The following table provides an overview of the skill sets from Version 7.2 which replace skill sets from the existing version of the AUR Automotive Retail, Service and Repair Training Package.

| AUR Current Skill Set |                |               |        | AUR Replacement Skill Set |                |               |
|-----------------------|----------------|---------------|--------|---------------------------|----------------|---------------|
| National Code         | National Title | Nominal Hours | E / NE | National Code             | National Title | Nominal Hours |

No changes occurred between AUR v7 & 7.2.

## Mapping Units of Competency

The following table provides an overview of the units of competency from Version 7.2 which replace units of competency from the existing version of the AUR Automotive Retail, Service and Repair Training Package.

| AUR Current Unit |                |               |        | AUR Replacement Unit |                |               |
|------------------|----------------|---------------|--------|----------------------|----------------|---------------|
| National Code    | National Title | Nominal Hours | E / NE | National Code        | National Title | Nominal Hours |

No changes occurred between AUR v7 & 7.2.

## Apprenticeships

The following table provides a summary of the apprenticeships that have been affected by changes in this AUR Automotive Retail, Service and Repair Training Package update.

Please refer to the current *Register of Class A and B qualifications* found on the Department of Training and Workforce Development website for the official list of apprenticeships in Western Australia.

| National Code | National Title | Apprenticeship | Nominal Hours | E / NE | National Code | National Title | Nominal Hours |
|---------------|----------------|----------------|---------------|--------|---------------|----------------|---------------|
|---------------|----------------|----------------|---------------|--------|---------------|----------------|---------------|

No changes occurred between AUR v7 & 7.2.

## Traineeships

The following table provides a summary of the traineeships that have been affected by changes in this AUR Automotive Retail, Service and Repair Training Package update.

Please refer to the current *Register of Class A and B qualifications* found on the Department of Training and Workforce Development website for the official list of apprenticeships in Western Australia.

| National Code | National Title | Traineeship | Nominal Hours | E / NE | National Code | National Title | Nominal Hours |
|---------------|----------------|-------------|---------------|--------|---------------|----------------|---------------|
|---------------|----------------|-------------|---------------|--------|---------------|----------------|---------------|

No changes occurred between AUR v7 & 7.2.

## Pre-Apprenticeships

The following table provides a summary of the pre-apprenticeships that have been affected by changes in this AUR: Automotive Retail, Service and Repair Training Package update.

Please refer to the current *list of pre-apprenticeship courses* found on the Department of Training and Workforce Development website for the official list of pre-apprenticeships in Western Australia.

| National Code | National Title | Pre-Apprenticeship | Nominal Hours | E / NE | National Code | National Title | Nominal Hours |
|---------------|----------------|--------------------|---------------|--------|---------------|----------------|---------------|
|---------------|----------------|--------------------|---------------|--------|---------------|----------------|---------------|

No changes occurred between AUR v7 & 7.2.