



Australian Government

MSMRV374 Assemble and install recreational vehicle slide-outs

Release: 1

MSMRV374 Assemble and install recreational vehicle slide-outs

Modification History

Release 1. Supersedes and is equivalent to MSMRV315 Construct and fit slide out in a recreational vehicle. Changes to application, elements, performance criteria and assessment requirements. Range of conditions removed. Workplace outcome has changed.

Application

This unit describes the skills and knowledge required to assemble and install slide-outs (room extenders) in recreational vehicles.

The unit applies to a person working in a recreational vehicle manufacturing facility who undertakes routine tasks according to job instructions, plans/specifications and procedures and uses discretion and judgement in selecting equipment, services and contingency measures. They work with a high degree of self-direction and limited supervision. They apply known solutions to routine problems and report non-routine problems according to procedures. They are responsible for their output and have limited responsibility for the output of others.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

None

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare to assemble and install slide-outs	1.1 Identify slide-out assembly and installation requirements from job instructions 1.2 Select and check all required tools and equipment are ready to use 1.3 Gather slide-out subassemblies and other items required by job specifications, and check they meet quality requirements and are ready for installation 1.4 Identify hazards and hazard controls and check the hazard controls are in place and operating 1.5 Check the recreational vehicle and work area are ready for installing the slide-out
2. Assemble the	2.1 Identify the assembly procedure and sequence according to assembly

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
slide-out	instructions 2.2 Lay out and fasten together the slide-out subassemblies according to assembly instructions 2.3 Check the subassemblies according to job instructions and quality requirements and rectify any deficiencies 2.4 Complete assembling the slide-out according to workplace procedures 2.5 Check the finished assembly according to job instructions and quality requirements and rectify any deficiencies
3. Install the slide-out	3.1 Correctly position and secure the slide-out, and make penetrations using the correct tools 3.2 Fasten the slide-out to the walls/chassis according to workplace procedures 3.3 Install seals and complete finishing to meet quality requirements 3.4 Check finished slide-out installation accords with job instructions and quality requirements and rectify any deficiencies
4. Complete the assembly and installation according to workplace procedures	4.1 Clean up the recreational vehicle in readiness for the next task 4.2 Clean up the work area, identify items for recycling and dispose of waste 4.3 Identify, tag and report any damage to equipment and tools 4.4 Check, clean and do routine maintenance on equipment and tools and store them and unused materials 4.5 Complete task outcome documentation

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to MSMRV315 Construct and fit slide out in a recreational vehicle.

Links

Companion volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=d1287d36-dff4-4e9f-ad2c-9d6270054027>

Assessment Requirements for MSMRV374 Assemble and install recreational vehicle slide-outs

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Performance Evidence

There must be evidence that the candidate has completed the tasks set out in the elements and performance criteria and has demonstrated the ability to assemble and install a slide-out in a recreational vehicle on at least three occasions.

Knowledge Evidence

There must be evidence the candidate knows:

- requirements relevant to the performance criteria of:
 - *AS/NZS 5601.2 Gas installations LP Gas installations in caravans and boats for non-propulsive purposes*
 - *AS/NZS 3001 Electrical installations - Transportable structures and vehicles including their site supplies*
 - the *Road Vehicle Standards Act 2018*
 - Australian design rules
- types of recreational vehicle slide-outs, slide-out subassemblies, fasteners and seals and manufacturer's installation and use instructions for them
- which hand and power tools and equipment to use when assembling and installing recreational vehicle slide-outs
- workplace policies and procedures relevant to their job role and responsibilities including for:
 - assembling and installing recreational vehicle slide-outs
 - communication and reporting
 - environmental protection and sustainability, including adhesives, dust, noise and waste
 - quality assurance
 - work health and safety, including personal protective equipment
 - work planning
- hazards that might arise in the work environment and their controls
- the most common issues that can arise when assembling and installing recreational vehicle slide-outs and how to avoid and respond to them
- how to identify if a recreational vehicle slide-out is installed correctly.

Assessment Conditions

Skills must have been demonstrated in the workplace or a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources required to assemble and install recreational vehicle slide-outs including:
 - recreational vehicle chassis manufactured to the point of the installation of a slide-out unit
 - materials and items required for the tasks
 - hand and power tools and safety and other equipment
 - job and assembly instructions and workplace procedures.

Assessors of this unit must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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