



Australian Government

MSMRV377 Install recreational vehicle external items

Release: 1

MSMRV377 Install recreational vehicle external items

Modification History

Release 1. Supersedes and is equivalent to MSMRV321 Fit required external items to a recreational vehicle. Changes to application, elements, performance criteria and assessment requirements. Range of conditions removed.

Application

This unit describes the skills and knowledge required to install external items (such as awnings, brackets, caravan stabilisers, gas struts and other roof-lifting equipment, external steps, grab handles, hatch covers, hatches, picnic tables, rear bumpers, roof clamps, spare wheels, stone guards, toolboxes, vents and wheel spats) 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 install external items	1.1 Identify external item installation requirements from job and manufacturer's instructions 1.2 Select and check all required tools and equipment are ready to use 1.3 Gather external 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 external item

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Install external items	2.1 Determine and mark the location of the external item on the outer skin or chassis 2.2 Measure, cut and fit seals, mouldings and brackets according to manufacturer's instructions and job instructions 2.3 Correctly position and fasten the item, make penetrations for services and complete the installation according to manufacturer's instructions and job specifications 2.4 Check the external item is installed correctly according to job instructions and quality requirements and rectify any deficiencies
3. Complete the installation according to workplace procedures	3.1 Clean up the recreational vehicle in readiness for the next task 3.2 Clean up the work area, identify items for recycling and dispose of waste 3.3 Identify, tag and report any damage to equipment and tools 3.4 Check, clean and do routine maintenance on equipment and tools and store them and unused materials 3.5 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 MSMRV321 Fit required external items to 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 MSMRV377 Install recreational vehicle external items

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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 install all required external items 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 external items, seals, mouldings, fasteners, brackets and adhesives and manufacturer's installation and use instructions for them
- which hand and power tools and equipment to use when installing recreational vehicle external items
- workplace policies and procedures relevant to their job role and responsibilities including for:
 - installing recreational vehicle external items
 - 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 installing recreational vehicle external items and how to avoid and respond to them
- how to identify if recreational vehicle external items are installed correctly.
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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 install recreational vehicle external items including:
 - recreational vehicles manufactured to the point of having external items installed
 - materials and items required for the tasks
 - hand and power tools and lifting, safety and other equipment
 - job instructions and workplace procedures.

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

Links

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