



Australian Government

MSMRV382 Repair recreational vehicle roof-lifting equipment

Release: 1

MSMRV382 Repair recreational vehicle roof-lifting equipment

Modification History

Release 1. Supersedes and is equivalent to MSMRV356 Remove and replace gas struts and roof lifting equipment on 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 repair or organise the repair of roof-lifting equipment, including gas struts on recreational vehicles. A repair may also involve related items (such as hinges, seals and locks).

‘Repair’ includes making good in situ or removing one or more items that are damaged or no longer function according to specifications and arranging for their repair or replacement; removing and replacing existing items with modernised or upgraded items for better appearance, convenience or performance and installing new items for the same reasons; removing and reinstalling items for service and maintenance if required; resealing penetrations and installing new moulding as required, and identifying any other out-of-scope work required.

The unit applies to a person working in a recreational vehicle service and repair facility who undertakes routine tasks according to work instructions, plans/specifications and procedures and uses discretion and judgement in selecting equipment, services or 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 repair roof-lifting equipment	1.1 Identify the authorised scope of repair works from job instructions and insurance requirements 1.2 Select and check all required tools and equipment are ready to use 1.3 Identify hazards and hazard controls and check the hazard controls

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	are in place and operating 1.4 Check the recreational vehicle and work area are ready to assess and confirm the scope of work
2. Assess and confirm the scope of work	2.1 Inspect the equipment and area to be repaired to assess the damage and determine the repair work required 2.2 Identify any additional repair work beyond the scope of the job instructions 2.3 Determine and communicate to a supervisor the extent of labour, materials and suppliers' services required for out-of-scope repairs 2.4 Provide further information and advice to support negotiation with external parties about the out-of-scope repairs 2.5 Confirm the job instructions and seek approval for the final scope of works
3. Remove and repair the equipment	3.1 Repair the equipment in situ or disconnect and remove it according to job instructions 3.2 Clean the area around the equipment's location according to workplace procedures 3.3 Arrange for removed equipment to be repaired by an authorised facility or within the workplace according to manufacturer's instructions and workplace procedures 3.4 Arrange for the supply of replacement equipment according to job instructions 3.5 Check removed and repaired or replaced equipment is ready for installation according to job specifications and quality requirements 3.6 Check any related repair work to the area around the equipment is completed 3.7 Correctly position the equipment, fasten it and complete the installation according to manufacturer's instructions 3.8 Check the equipment is functioning correctly according to job instructions and quality requirements
4. Complete the repairs according to workplace procedures	4.1 Clean up the recreational vehicle and make it ready to hand back to the customer 4.2 Clean up the work area, identify items for recycling and dispose of waste

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	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 MSMRV356 Remove and replace gas struts and roof lifting equipment on 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 MSMRV382 Repair recreational vehicle roof-lifting equipment

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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 repair at least three different types of roof-lifting equipment where at least one type is gas struts. With at least one of the repairs, the initial assessment must identify the need for out-of-scope repairs.

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 roof-lifting equipment and manufacturer's installation and use instructions for them
- which hand and power tools and equipment to use when repairing recreational vehicle roof-lifting equipment
- workplace policies and procedures relevant to their job role and responsibilities including for:
 - repairing recreational vehicle roof-lifting equipment
 - 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 repairing recreational vehicle roof-lifting equipment and how to avoid and respond to them
- how to identify if recreational vehicle roof-lifting equipment has been repaired 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 repair recreational vehicle roof-lifting equipment including:
 - recreational vehicles with roof-lifting equipment in need of repair
 - materials and items required for the tasks
 - hand and power tools and lifting, safety and other equipment
 - job instructions, workplace procedures and related forms, checklists or templates.

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

Links

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