



Australian Government

FWPCOT3260 Recover four wheel drive vehicles

Release: 1

FWPCOT3260 Recover four wheel drive vehicles

Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3260 Recover four wheel drive vehicles, which was first released with FPI11 Forest and Forest Products Training Package Version 2. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to use recovery equipment and advanced skills to recover four-wheel drive (4x4) vehicles in difficult terrain conditions.

The unit applies to those who recover 4x4 vehicles in a variety of work settings.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Forest Growing and Management

Harvesting and Haulage

Sawmilling and Processing

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Plan 4x4 recovery	1.1 Survey site to identify hazards, assess risks and select suitable strategy. 1.2 Select personal protective equipment appropriate to type of

ELEMENTS	PERFORMANCE CRITERIA
	recovery operation. 1.3 Inform appropriate personnel of location. 1.4 Determine potential environmental impact of recovery.
2. Apply safe recovery method	2.1 Establish and maintain communications with appropriate personnel during recovery operations. 2.2 Determine recovery method based on the terrain conditions and circumstances. 2.3 Consider operating variables, define danger zone and apply strategies to reduce risk and environmental impact during recovery. 2.4 Determine the recovery equipment required and its availability. 2.5 Set up an exclusion zone. 2.6 Repair environmental damage where possible.
3. Use vehicle recovery equipment safely	3.1 Identify hazards and position recovery equipment safely. 3.2 Use safe operating procedures while using recovery equipment. 3.3 Use rated recovery equipment within limitations and capabilities.
4. Maintain vehicle recovery equipment	4.1 Carry out maintenance on recovery equipment. 4.2 Document equipment maintenance according to organisational procedures.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Problem solving skills to:

- consider and determine recovery options.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT3260 Recover four-wheel drive vehicles

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

Assessment Requirements for FWPCOT3260 Recover four wheel drive vehicles

Modification History

Release	Comment
1	Replaces equivalent unit FWPCOT3260 Recover four wheel drive operations, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including 'Required Skills and Knowledge, Evidence Guide and Range Statement

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- safely and effectively recover a four wheel drive from varied situations
- use a winch and a snatch block (2:1) in difficult terrain, using ground anchor points for both hard ground and soft sand
- use one or more types of recovery equipment in a safe and efficient manner including devices and techniques for:
 - lifting
 - winching/towing
 - traction
 - support
 - protection
- demonstrate one or more pulling techniques including:
 - complex and multi-line
 - straight pull
 - double pull
 - starting vehicle
 - taking towed object to a location
 - using a winch

- communicate effectively and follow safe work practices
- use and maintain relevant tools, machinery and equipment.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- organisational policies and procedures, codes of practice and established safe practices for recovering a 4x4 vehicle
- techniques for using jacks and other recovery equipment
- factors affecting choice of recovery equipment and mode of recovery
- issues to consider when defining danger zones
- effect of suction on vehicles to identify mass weight needed for cable and winch capacity
- hazards and safety issues associated with the use of jacks and recovery equipment
- environmental impacts of 4x4 operation
- established communication protocols
- typical tools and equipment, and procedures for their safe use and maintenance
- procedures for reporting and recording information
- environmental protection requirements, including the safe disposal of waste material
- environmental risks and hazards relevant to recovering 4x4 vehicles in difficult terrain conditions.
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Assessment Conditions

The following resources must be made available:

- four wheel drive to recover
- varied terrains and conditions from which to recover vehicle
- equipment required to recover a four wheel drive vehicle
- relevant personnel for the purposes of communicating information
- documents, spreadsheets and commonly used proforma documents
- personal protective and safety equipment required for recovering a four wheel drive vehicle.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

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