



**Australian Government**

# **SISODRV001 Drive AWD/4WD vehicles on unsealed roads**

**Release: 1**

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## Modification History

Not applicable.

## Application

This unit describes the performance outcomes, skills and knowledge required to operate all-wheel drive and four drive vehicles on graded formed dirt roads. It also requires the ability to negotiate minor water crossings.

This unit applies to any type of organisation that delivers outdoor recreation activities including commercial, not-for-profit and government organisations.

It applies to all delivery personnel working at any level including support staff, activity assistants and leaders. They drive vehicles for a range of purposes including transporting participants, personnel and equipment to and from activity sites.

Driving is regulated by specific laws in each Australian state and territory with variable rules. All training and assessment activities must comply with the local state or territory road rules and driver licensing requirements. This unit assumes the driver has knowledge of applicable road rules which do not need to be assessed.

## Pre-requisite Unit

Nil

## Competency Field

Driving

## Unit Sector

Outdoor Recreation

## Elements and Performance Criteria

### ELEMENTS

*Elements describe the essential outcomes*

1. Prepare for departure.

### PERFORMANCE CRITERIA

*Performance criteria describe the performance needed to demonstrate achievement of the element.*

- 1.1. Confirm organisational safety and emergency response procedures to ensure compliance during trip.
- 1.2. Complete pre-start checks on oil, fuel and water.
- 1.3. Check and adjust tyre pressure to suit road conditions and terrain.

- 1.4. Check equipment and resources are loaded to ensure balance, and secure load.
- 1.5. Adjust steering wheel, seats and mirrors to suit own driving position.
2. Operate vehicle.
  - 2.1. Set and operate vehicle equipment and controls appropriate to road conditions and terrain.
  - 2.2. Drive vehicle at speed appropriate for road, traffic and terrain conditions.
  - 2.3. Maintain traction of vehicle using smooth acceleration and braking techniques suited to road conditions and terrain.
  - 2.4. Monitor and safely negotiate road conditions, hazards and other users constantly to avoid vehicle damage and collisions.
  - 2.5. Park and shut down vehicle according to manufacturer's specifications.
3. Negotiate minor water crossings.
  - 3.1. Inspect water crossings for depth, flow rate and solidity of base prior to crossing.
  - 3.2. Negotiate water crossings using appropriate speed, gear selection and device engagement while maintaining safety of vehicle, personnel and environment.
4. Change wheels.
  - 4.1. Locate jack and position according to manufacturers' specifications.
  - 4.2. Remove and replace wheel according to manufacturers' specifications.

## Foundation Skills

*Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.*

<b>SKILLS</b>	<b>DESCRIPTION</b>
Reading skills to:	<ul style="list-style-type: none"> <li>• interpret basic factual information on road signs and in manufacturer's specifications.</li> </ul>
Numeracy skills to:	<ul style="list-style-type: none"> <li>• interpret and calculate numerical data involving distances, times and speeds.</li> </ul>
Planning and organising skills to:	<ul style="list-style-type: none"> <li>• manage own timing to complete trip within planned timeframes.</li> </ul>

## Unit Mapping Information

No equivalent unit.

## Links

Companion Volume Implementation Guides -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1ca50016-24d2-4161-a044-d3faa200268b>