

Title	Demonstrate knowledge of driveline components used on outdoor powered equipment		
Level	3	Credits	2

Purpose	This unit standard is for people in the outdoor power equipment repair industry. People credited with this unit standard are able to demonstrate knowledge of driveline components used on outdoor powered equipment.
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Classification	Motor Industry > Automotive Transmission Systems
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to – Health and Safety in Employment Act 1992.
- 2 Definition
Service information may include but is not limited to – technical information of a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions and specifications; technical terms and descriptions; and detailed illustrations. This can be accessed in hard copy or electronic format and is normally sourced from the manufacturer.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of driveline components used on outdoor powered equipment.

Performance criteria

- 1.1 Functions of driveshafts are described in accordance with service information.
 Range transmitting power, allowing movement of driveline assembly, adjusting changes in driveline length.
- 1.2 Types of driveshaft, types of drive axle, and their application are described in accordance with service information.
 Range rear-wheel drive, front-wheel drive, one-piece, two-piece.
- 1.3 Types of driveshaft joints and bearings are described in accordance with service information.

Range includes but is not limited to – cross and yoke universal joint, constant velocity (CV) joints, drive couplings, support bearings, dampers.

1.4 Procedures to check driveshafts and drive axles for serviceability are described in accordance with service information.

Range wear, damage, security, lubrication, balance, driveline angles, phasing.

1.5 Procedures for servicing and replacing universal joints and CV joints are described in accordance with service information.

Range lubrication, replacement of parts.

Replacement information	This unit standard and unit standard 24329 replaced unit standard 15417.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 February 2008	31 December 2020
Review	2	26 April 2018	31 December 2020

Consent and Moderation Requirements (CMR) reference	0014
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.