

Title	Demonstrate knowledge of automotive automatic transmissions		
Level	3	Credits	2

Purpose	This theory-based unit standard is for people who wish to enter or are employed in the motor industry. People credited with this unit standard are able to demonstrate knowledge of automotive automatic transmissions.
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Classification	Motor Industry > Automotive Transmission Systems
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturer’s specifications, service information, company and legislative requirements (this includes the knowledge and/or use of suitable tools and equipment).

- 2 Definitions
Company requirements refer to instructions to staff on policy and procedures which are documented in memo or manual format and are available in the workplace. These requirements include but are not limited to – company specifications and procedures, work instructions, manufacturer specifications, product quality specifications and legislative requirements.
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 may be accessed from the manufacturer.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of automotive automatic transmissions.

Performance criteria

1.1 Transmission construction is described.

Range includes but is not limited to – features, identification of components, layout of components; inline, transaxle.

1.2 Transmission operation in each selection is described.

Range parking range, reverse range, neutral, drive ranges.

1.3 Functions of components are identified.

Range includes but is not limited to – planetary gear sets, hydraulic system, seals and gaskets, torque converter, shift control (computer controls; non-computerised controls – governor, vacuum modulator, throttle cable).

Replacement information	<p>This unit standard and unit standard 24330 were replaced by unit standard 30562.</p> <p>This unit standard replaced unit standard 24336.</p>
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This unit standard is expiring. Assessment against this unit standard must take place by the last date for assessments set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 April 2016	31 December 2020
Review	2	26 October 2017	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>.

This unit standard is expiring