

Title	Describe diagnosis and calibration of advanced driver assistance systems		
Level	4	Credits	3

Purpose	People credited with this unit standard are able to describe diagnosis and calibration of advanced driver assistance systems (ADAS).
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Classification	Motor Industry > Automotive Electrical and Electronics
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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 requirements and legislative requirements. This includes the knowledge and/or use of suitable tools and equipment.
- 2 Legislation and regulations relevant to this unit standard include but are not limited to the:
 - Health and Safety at Work Act 2015;
 - Land Transport Rule: Vehicle Repair 1998, Rule 34001;
 - Health and Safety at Work (Hazardous Substances) Regulations 2017; and any subsequent amendments and replacements.
- 3 Definitions
Company requirements refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include company policies and procedures, work instructions, manufacturer specifications and legislative requirements.
Service information may include technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

Outcomes and performance criteria

Outcome 1

Describe diagnosis and calibration of advanced driver assistance systems (ADAS).

Performance criteria

1.1 ADAS are described.

Range proximity, cruise control, automated braking, lane departure warning, park assist.

1.2 Diagnosis of ADAS faults is described.

1.3 Calibration of ADAS is described.

Range sensors, actuators, electronic control unit.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 July 2020	N/A

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>.

Comments on this unit standard

Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.