

Title	Diagnose and repair a Supplemental Restraint System fault		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to diagnose and repair a Supplemental Restraint Systems (SRS) fault.
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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 It is recommended that people hold credit for Unit 31061, *Demonstrate knowledge of diagnosing faults in Supplemental Restraint Systems* before being assessed against this unit standard.
- 2 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, and company and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 3 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the current version of the Health and Safety at Work Act 2015; Land Transport Rules: Frontal Impact 2001, Rule 32006/1; Seatbelts and Seatbelt Anchorages 2002, Rule 32011; and any subsequent amendments and replacements.
- 4 **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, product quality 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.
- 5 Machines may include: forklifts, earth moving equipment, grader equipment, loaders, dozers, tractors, agricultural equipment, dump trucks, prime movers; electric machines including – forklift, walk-behind pallet, ride-on pallet, reach truck, order picker, counterbalance truck, turret truck.
- 6 Air bags and seatbelt pre-tensioners consist of a component containing flammable material and are therefore classified as explosive articles under the Hazardous Substances and New Organisms Act 1996.

Outcomes and performance criteria**Outcome 1**

Diagnose and repair a Supplemental Restraint System fault.

Range evidence of two separate system faults is required.

Performance criteria

1.1 Safe working practices are observed when working on or around SRS.

Range disarming the system, personal safety, safety of others, vehicle and equipment safety.

1.2 SRS fault is diagnosed.

1.3 SRS fault is repaired.

Planned review date	31 December 2022
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	1 March 2018	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.