

Title	Disassemble and rectify faults on a marine engine short block		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to disassemble and check a marine engine short block, and rectify faults on a marine engine short block.
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Classification	Motor Industry > Trailer Boat Systems
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Available grade	Achieved
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Guidance Information

1 Definitions

Service information refers to technical information of an engine or product detailing: operation; installation and servicing procedures; manufacturer instructions and specifications; technical terms and descriptions; or illustrations.

Workplace policies and procedures refers to the documented procedures and policies providing guidelines of the tasks and activities carried out in the workplace. This typically includes relevant health and safety requirements to manage risk in the workplace.

- 2 All work practices must meet recognised codes of practice and workplace policies and procedures (where these exceed code) for personal, product, and workplace health and safety, and must meet the obligations required under the Health and Safety at Work Act 2015 and Resource Management Act 1991, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Disassemble and check a marine engine short block.

Performance criteria

- 1.1 Components of a marine engine short block are disassembled and checked to determine the condition in accordance with service information.

Range components include but not limited to – cylinder block, piston rings, connecting rod, crankshaft, timing gears, core plugs.

- 1.2 Report is made in accordance with workplace policies and procedures.

Outcome 2

Rectify faults on a marine engine short block.

Performance criteria

- 2.1 Faults on a marine engine short block are rectified in accordance with service information.
- 2.2 Components of marine engine short block are re-assembled in accordance with service information.
- Range components – cylinder block, piston rings, connecting rod, crankshaft, timing gears, core plugs.
- 2.3 Rectified faults are checked and tested, and remedial action is taken if required to ensure service information is met.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 July 2018	N/A

Consent and Moderation Requirements (CMR) reference	0136
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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 the NZ Marine and Composites Industry Training Organisation training@nzmarine.com if you wish to suggest changes to the content of this unit standard.