

Title	Explain stern drive transmission		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to explain stern drive transmission operation, installation and servicing procedures.
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Classification	Motor Industry > Trailer Boat Systems
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Available grade	Achieved
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Guidance information

Definition

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

Outcomes and performance criteria

Outcome 1

Explain stern drive transmission operation.

Performance criteria

1.1 Stern drive transmission components are explained in terms of purpose and functions.

Range components include – engine, shift system, transom bracket assembly, power trim-tilt, upper gear housing, lower gearcase.

1.2 Operation of a stern drive is explained in accordance with service information.

Outcome 2

Explain stern drive transmission installation and servicing procedures.

Performance criteria

2.1 Procedures to install stern drive transmissions are explained in accordance with service information.

2.2 Servicing procedures of stern drive transmissions are explained in accordance with service information.

Range servicing procedures – steering system lubrication, draining and filling vertical drive, checking power trim-tilt fluid, checking water pick-up screens, lubricating bearings and universal joints, visual inspection procedures.

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Status information and last date for assessment for superseded versions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	23 February 1999	31 December 2018
Revision	2	16 April 2003	31 December 2018
Review	3	21 September 2007	31 December 2018
Review	4	28 September 2017	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.