



**WÄRTSILÄ**

**W-X62**

# Maintenance Manual

“Marine”

**Vessel:**

**Type:**

**Engine No.:**

**Document ID:** DBAD070428

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<b>W-X62</b>				<b>Summary for Maintenance Manual</b>		
Page No.	Modification		Title	Subject	Page or Manual	
	Date	No.			new	exch.
	<b>2014</b>			<b>Maintenance Manual, Issue 2014</b>	x	
				Date of publication 2014-06-02		
0380-1/A1 (2)	2014-08		Overhaul intervals	New overhaul times for injection valve.		x
2722-2/A1	2014-08	EAAD085272	Injection Valve	New tools and procedure for nozzle tip replacement.		x
2722-2/A1 (3)	2014-08	EAAD085264	Injection Valve	New pressures for Injection nozzle check.		x
8460-1/A1 (3)	2014-08	EAAD085307	Hydraulic Pipe	New pipe grinding tools 94841 (replaces 94834)		x
8733-1/A1 (3)	2014-08	EAAD085307	HP Fuel Pipe	New pipe grinding tools 94871		x
8752-1/A1	2014-08		HP fuel Pipe	New pipe grinding tools 94870		x
9403-5/A1 (15)	2014-08	EAAD085272	Tools	Tool 94289D replaced with Tool 94278A and 94278B		x
9403-5/A1 (29, 30)	2014-08	EAAD085307	Tools	New pipe grinding tools 94841 (replaces 94834), 94871 and 94870		x
9403-5/A1 (28)	2014-08		Tools	New Tool numbers for T/C Covers		x
				Date of publication 2014-09-18		

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## General Information

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## For Your Attention

### 1. General

This manual is for the operator and is for use only for the related type of diesel engine (the engine described in this manual). The data in this manual is confidential.

Make sure that you read carefully the Operation Manual before you operate the engine.

Make sure that you know the Inspection and Overhaul intervals in the Maintenance Manual before you operate the engine.

Make sure that you read the data in Group 0 in the Maintenance Manual before you do maintenance work on the engine.

### 2. Spare Parts

Use only original spare parts and components to make sure that the engine will continue to operate satisfactorily. All equipment and tools for maintenance and operation must be serviceable and in good condition.

The extent of all supplies and services is set exclusively to the related supply contract.

### 3. Data

The specifications and recommendations of the classification societies, which are essential for the design, are included in this manual.

The data, instructions, graphics and illustrations etc. in this manual are related to drawings from Wärtsilä Switzerland Ltd. These data relate to the date of issue of the manual (the year of the issue is shown on the title page). All instructions, graphics and illustrations etc can change because of continuous new development and modifications.

### 4. Personnel

Only qualified personnel that have the applicable knowledge and training must do work on the engine, its systems and related auxiliary equipment.

Data related to protection against danger and damage to equipment are specified in this manual as Warnings and Cautions.

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## Preface

The instructions contained in this "**Maintenance Manual**" are intended to help to ensure that the maintenance which must be carried out at specific intervals is correctly carried out.

It is a precondition that the personnel charged with such important work possesses the necessary training and experience.

Information about the operation of the engine as well as descriptions of the function of the various systems are part of a separate book, the "Operating Manual" containing also under 0010-1 explanations of the layout and structure of the Operating and Maintenance Manuals as well as of the used symbols, signs and special characters.

More detailed instructions on the operation and maintenance of components from sub-suppliers can be gathered from the instruction leaflets of the respective manufacturers. Outside makes are, for example, such engine components, tools or devices which are not manufactured in accordance with production drawings from Wärtsilä Switzerland Ltd.

The "Maintenance Manual" is divided into the following main chapters:

- 1) General guidelines for maintenance
- 2) Clearance tables, tightening values of screwed connections, masses (weights)
- 3) Maintenance schedule
- 4) Design groups
- 5) Tool lists

A few explanations to the above:

- 1) The 'General Guidelines for Maintenance' contain, in addition to recommendations on precautionary measures to be taken, also suggestions for carrying out the work.
- 2) The above mentioned tables inform about normal and maximum acceptable clearances, the tightening of important screwed connections, weights of individual engine components as well as the type and use of various sealing rings.
- 3) The 'Maintenance Schedule' indicates nominal intervals in which various maintenance operations are to be carried out. Please note that the maintenance intervals are based on experience and are subject to operation of the engine under standard conditions.
- 4) Detailed instructions are given in the 'Design Groups' on the procedure of maintenance work on certain engine parts.
- 5) Tools and devices necessary to carry out maintenance are described in the 'Tool Lists', and are generally supplied with the engine.

All information contained in the text and illustrations of this manual are valid at the time of printing.

Modifications will be incorporated in the next edition!

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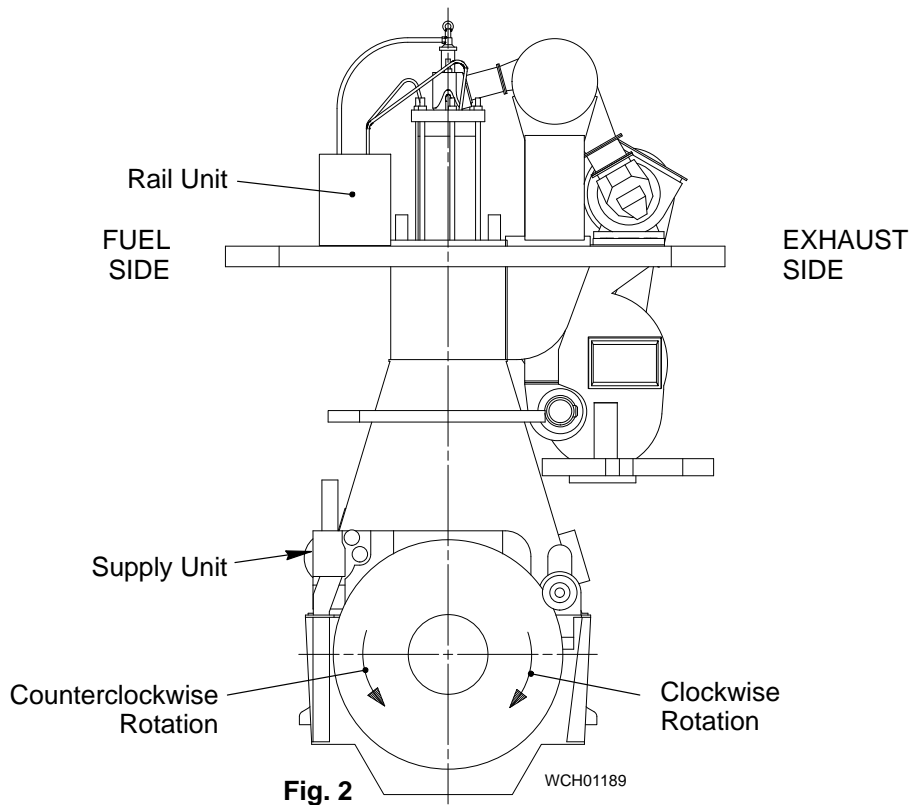
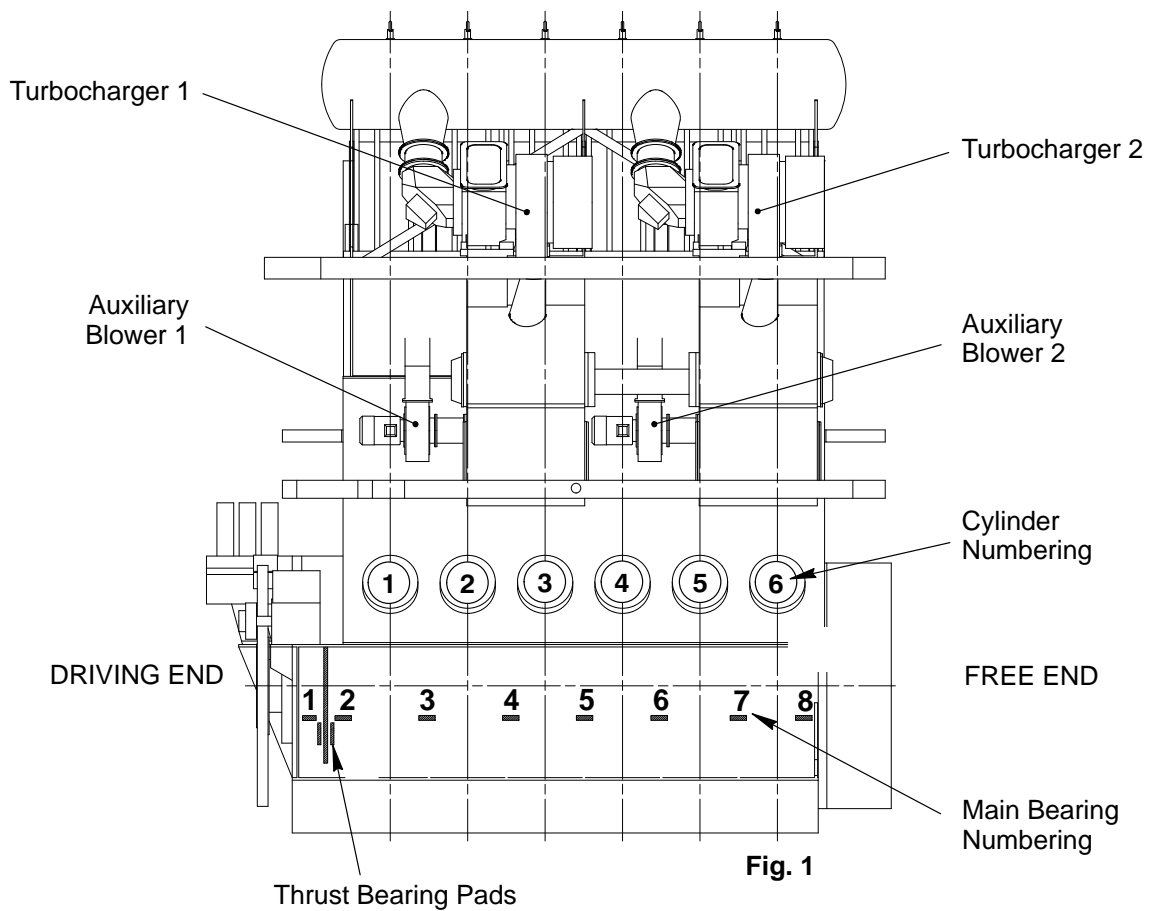
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# Engine Numbering and Designations



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