YANMAR

SERVICE MANUAL

3JH4E/4JH4E/
4JH4-TE/4JH4-HTE

YANMAR

0BJH4-G00100

YANMAR®

SERVICE MANUAL

MARINE DIESEL ENGINE

3JH4E/4JH4E/4JH4-TE/4JH4-HTE

YANMAR CO.,LTD.

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FOREWORD

This service manual has been compiled for engineers engaged in sales, service, inspection and maintenance. Accordingly, descriptions of the construction and functions of the engine are emphasized in this manual, while items, which should already be common knowledge, are omitted.

One characteristic of a marine diesel engine is that its performance in a vessel is governed by the applicability of the vessel's hull construction and its steering system.

Engine installation, fitting out and propeller selection have a substantial effect on the performance of the engine and the vessel. Moreover, when the engine runs unevenly or when trouble occurs, it is essential to check a wide range of operating conditions - such as installation to the full and suitability of the ship's piping and propeller - and not just the engine itself. To get maximum performance from this engine, you should completely understand its functions, construction and capabilities, as well as proper use and servicing.

Use this manual as a handy reference in daily inspection and maintenance, and as a text for engineering guidance.

Model 3JH4E and 4JH4-TE have been used for the illustrations in this service manual, but they apply to other models in the JH4 series engines.

California Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.
(only for 3JH4E)

California Proposition 65 Warning

Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm.
Wash hands, after handling.
(only for 3JH4E)

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