

OPERATION MANUAL

***YANMAR***®

***YANMARDIESEL  
ENGINE***

***6CXM-GTE2***

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Be sure to read this manual for safe and proper operation.  
Store this manual carefully after use.

Thank you for purchasing a Yanmar Marine Diesel Engine.

## [INTRODUCTION]

- This Operation Manual describes the operation, maintenance and inspection, and handling precautions for the **6CXM-GTE2** Yanmar Marine Diesel Engine.
  
- 1. **FOR SAFE OPERATION :** Safety indications, safety precautions, explanation and use.
- 2. **EXPLANATION OF PRODUCT :** Specifications for this series and basic operation principles.
- 3. **PREPARATION FOR OPERATION :** Fuel oil, lube oil, cooling water, etc. check and supply.
- 4. **OPERATION :** Starting, speed regulation, stopping and long-term storage.
- 5. **MAINTENANCE & INSPECTION :** Periodic inspection, inspection items and time period, and detailed explanation.
  
- 6. **TROUBLE AND TROUBLESHOOTING :** Simple troubles and table of troubleshooting measures.
  
- Read this Operation Manual carefully before operating the engine to ensure that it is used correctly and that it stays in the best possible condition.
- Keep this Operation Manual in a convenient place for easy access.
- If this Operation Manual is lost or damaged, order a new one from your dealer or distributor.
- If giving your engine to someone else, be sure to attach this Operation Manual.
- Constant efforts are made to improve the quality and performance of Yanmar products, so some details included in this Operation Manual may differ slightly from your engine. If you have any questions about this, please contact your Yanmar dealer or distributor.

### 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.

### 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 hand after handling

Operation Manual

Models : Marine Engine  
**6CXM-GTE2**

Code No.  
49961-205100

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# 1. FOR SAFE OPERATION

Following the precautions described in this manual will enable you to use this engine with complete satisfaction. Failure to observe any of the rules and precautions, however, may result in injury, burns, fires, and engine damage. Read this manual carefully and be sure you fully understand it before beginning operation.

## 1.1 Warning Symbols

These are the warning signs which are used in this manual and on the products. Pay special attention to them.



**DANGER-** Indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.



**WARNING-** Indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.



**CAUTION-** Indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices.

- The descriptions captioned by **[NOTICE]** are for the particularly important cautions for handling. If you ignore them, the performance of your machine may deteriorate leading to trouble.