KMH60A
KMH61A
SERVICE MANUAL

YANMAR®

P/N: 0B7752-G0001

MARINE
GEAR

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Section 1

INTRODUCTION

This manual gives specific instructions for the proper repair on KMH transmissions.

Please follow the procedures carefully to ensure quality service.

Yanmar recommends that you read this *Service Manual* completely before starting with repairs, as some of the procedures described are rather complex.

Along with standard tools, Yanmar recommends the use of special tools, necessary to perform repairs correctly.

Yanmar products are continuously undergoing improvement. This *Service Manual* has been checked carefully in order to avoid errors. However Yanmar is not liable, for any misrepresentations, errors of description or omissions. Contact an authorized Yanmar marine dealer or distributor for any questions you have regarding this *Service Manual.*

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REVISION HISTORY

This manual is a living document. Periodic manual revisions are published to document product improvements and changes. This practice ensures the manual has the most current information.

As manual revisions become necessary, individual pages are prepared and sent to those who need the information. If a page, or number of pages should be replaced, the replacement information is sent along with a revised **Revision Control Table.** Discard the older, obsolete information.

At times the revision involves inserting additional pages in one or more sections. Insert the new information and only the **Revision Control Table** should be replaced.

This method of revision control represents the most cost-effective solution to providing fresh, updated information as needed.

Revision Control Table

Revision Number Revision Date	Volume	New Page Numbers Involved	Remarks	Initiating Dept.

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Section 2

SAFETY

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Yanmar is concerned for your safety and the condition of your marine gear. Safety statements are one of the primary ways to call your attention to the potential hazards associated with Yanmar marine gear. Follow the precautions listed throughout the manual before operation, during operation and during periodic maintenance procedures for your safety, the safety of others and to protect the performance of your marine gear. Keep the labels from becoming dirty or torn and replace them if they are lost or damaged. Also, if you need to replace a part that has a label attached to it, make sure you order the new part and label at the same time.



This safety alert symbol appears with most safety statements. It means attention, become alert, your safety is involved! Please read and abide by the message that follows the safety alert symbol.

DANGER

Danger (the word "DANGER" is in white letters with a red rectangle behind it) - indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. Danger is limited to the most extreme situations.

0000001en

WARNING

Warning (the word "WARNING" is in black letters with an orange rectangle behind it) – indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

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CAUTION

Caution (the word "CAUTION" is in black letters with a yellow rectangle behind it) – indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

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CAUTION

Caution without the safety alert symbol indicates a potentially hazardous situation that can cause damage to the marine gear, personal property and / or the environment or cause the marine gear to operate improperly.

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SAFETY PRECAUTIONS

Before You Service

CAUTION



NEVER permit anyone to install or operate the marine gear without proper training.

Read and understand this Service Manual before you operate or service the marine gear to ensure that you follow safe servicing practices and maintenance procedures.

- **Safety signs and labels are additional reminders for safe service and maintenance techniques.**
- **See your authorized Yanmar marine dealer or distributor for your installation, service and training needs.**

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Precautions for Safe Servicing

DANGER



CRUSH HAZARD!

- **Always use lifting equipment with sufficient capacity to lift marine gear.**
- **Have a helper assist you attaching the marine gear to the hoist.**
- **NEVER stand under hoisted marine gear. If the hoist mechanism fails, the marine gear will fall on you, causing serious injury or death.**
- **NEVER support marine gear with equipment not designed to support the weight of the marine gear such as wooden pieces, blocks or by only using a jack.**
- **Failure to comply will result in death or serious injury.**

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