YAMAHA

Z300A
LZ300A

SUPPLEMENTARY SERVICE MANUAL

292211

6D0-28197-3F-1X

NOTICE

This Supplementary Service Manual has been prepared to introduce new service and new data information for the Z300 and LZ300 which are based on the Z250 and LZ250. For complete information on service procedures, it is necessary to use this Supplementary Service Manual together with the following manual.

Z250D, LZ250D SERVICE MANUAL: 60V-28197-3E-11

Important information

Particularly important information is distinguished in this manual by the following notations:

⚠ The Safety Alert Symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

⚠ WARNING

Failure to follow WARNING instructions could result in severe injury or death to the machine operator, a bystander, or a person inspecting or repairing the outboard motor.

CAUTION:

A CAUTION indicates special precautions that must be taken to avoid damage to the outboard motor.

NOTE:

A NOTE provides key information to make procedures easier or clearer.

CAUTION:

USE UNLEADED STRAIGHT GASOLINE ONLY

- **Gasoline containing lead can cause performance loss and engine damage.**
- **Do not use gasoline mixed with oil during the break-in period or anytime thereafter.**

YAMALUBE 2-STROKE OUTBOARD OIL IS RECOMMENDED.

Z300A, LZ300A
SUPPLEMENTARY SERVICE MANUAL
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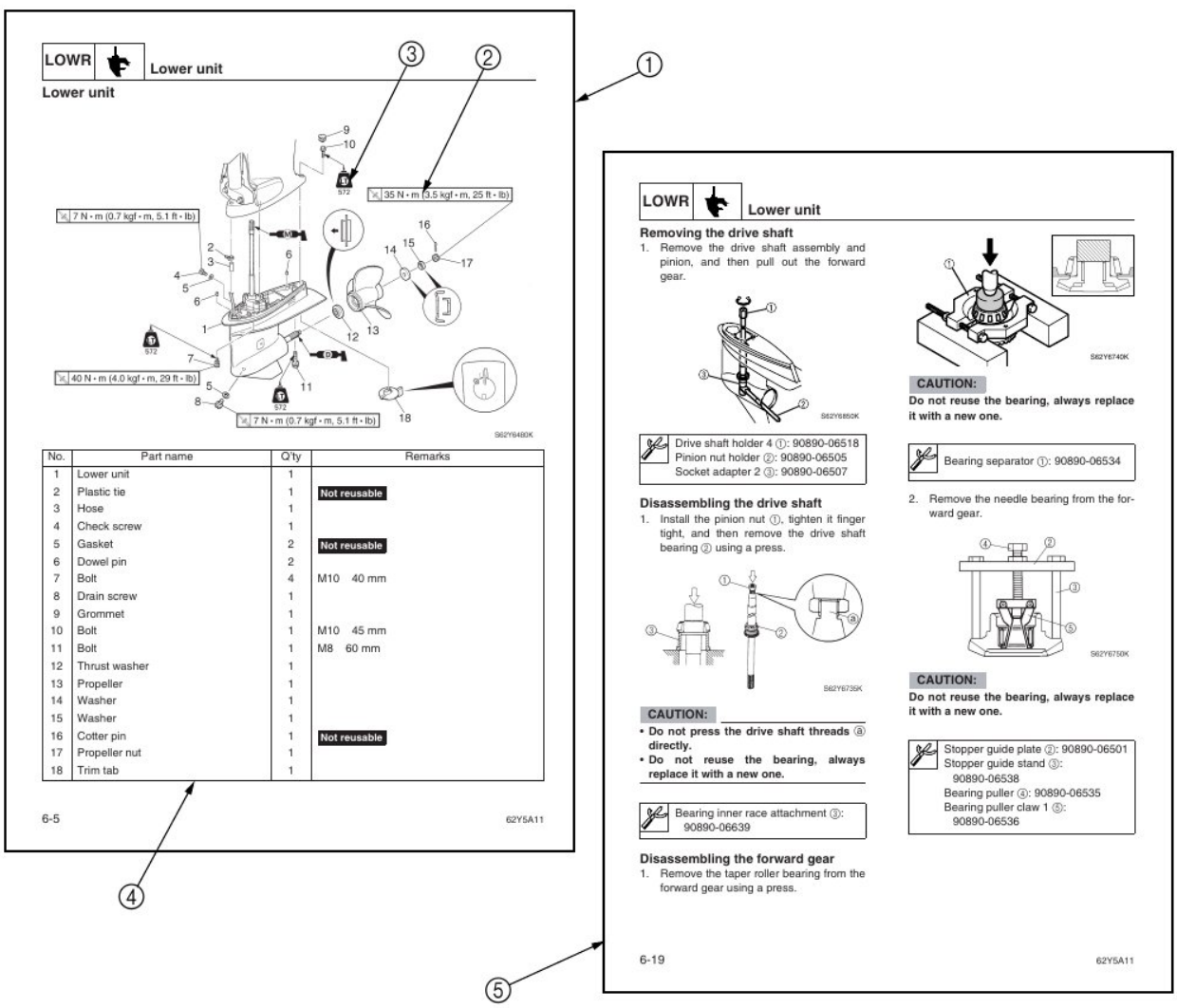
How to use this manual

Only chapters containing revisions or additional items in the base manual have been included in this manual.
All special service tools introduced in this manual are mentioned in Chapter 3.

Manual format

The format of this manual has been designed to make service procedures clear and easy to understand. Use the information below as a guide for effective and quality service.

① Parts are shown and detailed in an exploded diagram and are listed in the components list.
② Tightening torque specifications are provided in the exploded diagrams and after a numbered step with tightening instructions.
③ Symbols are used to indicate important aspects of a procedure, such as the grade of lubricant and lubrication point.
④ The components list consists of part names and part quantities, as well as bolt and screw dimensions.
⑤ Service points regarding removal, checking, and installation are shown in individual illustrations to explain the relevant procedure.



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Symbols

The symbols below are designed to indicate the content of a chapter.

General information



Fuel system



Bracket unit



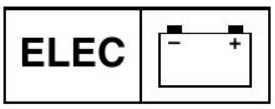
Specifications



Power unit



Electrical systems



Periodic checks and adjustments



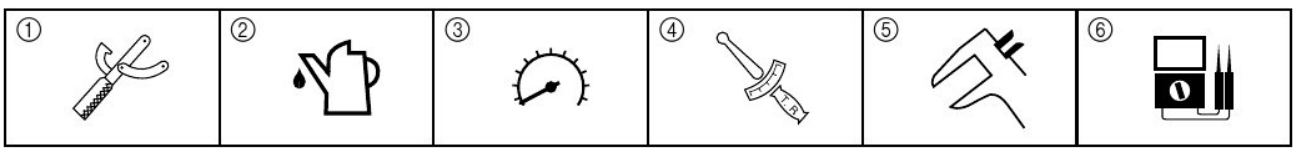
Lower unit



Troubleshooting

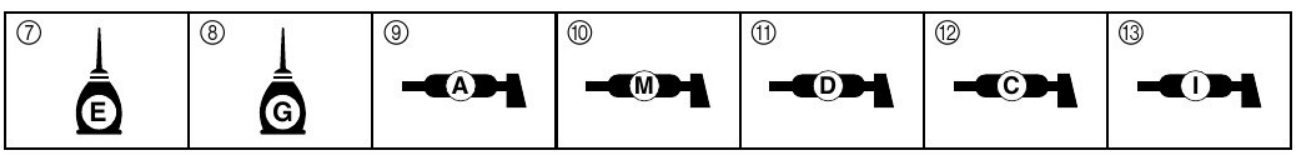


Symbols ① to ⑥ indicate specific data.



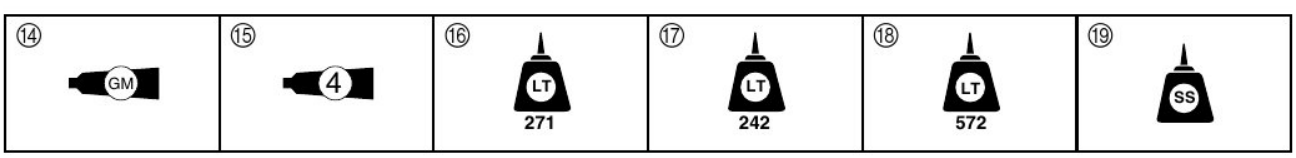
① Special tool
② Specified oil or fluid
③ Specified engine speed
④ Specified tightening torque
⑤ Specified measurement
⑥ Specified electrical value (resistance, voltage, electric current)

Symbols ⑦ to ⑬ in an exploded diagram indicate the grade of lubricant and the lubrication point.



⑦ Apply 2-stroke outboard motor oil
⑧ Apply gear oil
⑨ Apply water resistant grease (Yamaha grease A)
⑩ Apply molybdenum disulfide grease
⑪ Apply corrosion resistant grease (Yamaha grease D)
⑫ Apply low temperature resistant grease (Yamaha grease C)
⑬ Apply injector grease

Symbols ⑭ to ⑲ in an exploded diagram indicate the type of sealant or locking agent and the application point.



⑭ Apply Gasket Maker
⑮ Apply Yamabond No. 4
⑯ Apply LOCTITE 271 (red)
⑰ Apply LOCTITE 242 (blue)
⑱ Apply LOCTITE 572
⑲ Apply silicon sealant

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Identification

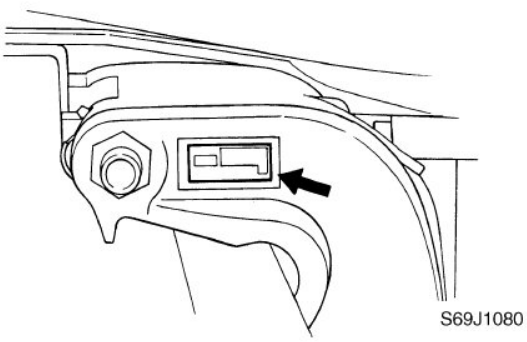
Applicable models

This manual covers the following models.

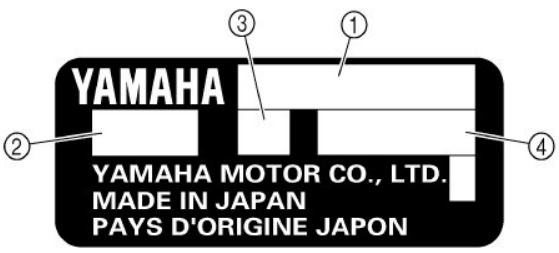
Applicable models
Z300AETO, LZ300AETO

Serial number

The outboard motor serial number is stamped on a label attached to the port clamp bracket.



S69J1080



S69J1090N

① Model name
② Approved model code
③ Transom height
④ Serial number

Model name	Approved model code	Starting serial No.
Z300AETO	6D0	X: 1000001–
		U: 1000001–
LZ300AETO	6D1	X: 1000001–

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