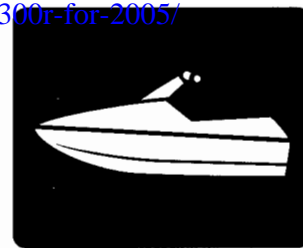




**YAMAHA**



# WaveRunner GP1300R

## SUPPLEMENTARY SERVICE MANUAL

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## NOTICE

This Supplementary Service Manual has been prepared to introduce new service and new data information for the GP1300R which are based on the 2003 GP1300R. For complete information on service procedures, it is necessary to use this Supplementary Service Manual together with the following manual.

**GP1300R SERVICE MANUAL: F1G-28197-1F-11 (LIT-18616-02-44)**

A10001-0\*

**WaveRunner GP1300R  
SUPPLEMENTARY SERVICE MANUAL  
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LIT-18616-02-90**

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## HOW TO USE THIS MANUAL

### MANUAL FORMAT

All of the procedures in this manual are organized in a sequential, step-by-step format. The information has been compiled to provide the mechanic with an easy to read, handy reference that contains comprehensive explanations of all disassembly, repair, assembly, and inspection operations.

In this revised format, the condition of a faulty component will precede an arrow symbol and the course of action required will follow the symbol, e.g.,

- Bearings  
Pitting/scratches → Replace.

To assist you in finding your way through this manual, the section title and major heading is given at the top of every page.

### ILLUSTRATIONS

The illustrations within this service manual represent all of the designated models.

### CROSS REFERENCES

The cross references have been kept to a minimum. Cross references will direct you to the appropriate section or chapter.

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## IMPORTANT INFORMATION

In this Service Manual particularly important information is distinguished in the following ways.

 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, passenger(s), a bystander, or a person inspecting or repairing the watercraft.**

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### **CAUTION:**

**A CAUTION indicates special precautions that must be taken to avoid damage to the watercraft.**

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### **NOTE:**

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

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### **IMPORTANT:**

**This part has been subjected to change of specification during production.**

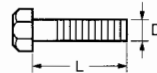
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## HOW TO USE THIS MANUAL

- ① To help identify parts and clarify procedure steps, there are exploded diagrams at the start of each removal and disassembly section.
- ② Numbers are given in the order of the jobs in the exploded diagram.
- ③ Symbols indicate parts to be lubricated or replaced (see "SYMBOLS").
- ④ A job instruction chart accompanies the exploded diagram, providing the order of jobs, names of parts, notes in jobs, etc.
- ⑤ Dimension figures and the number of parts, are provided for fasteners that require a tightening torque.

Example:

Bolt or screw size 10 × 25 mm : M10 (D) × 25 mm (L)



- ⑥ Jobs requiring more information (such as special service tools and technical points data) are described sequentially.

**JET PUMP** E

**NOZZLE DEFLECTOR AND NOZZLE RING**

NOZZLE DEFLECTOR AND NOZZLE RING  
EXPLODED DIAGRAM

① →

② →

③ →

④ →

⑤ →

⑥ →

**REMOVAL AND INSTALLATION CHART**

Step	Procedure/Part name	Q'ty	Service points
<b>NOZZLE DEFLECTOR AND NOZZLE RING REMOVAL</b>			
Jet pump unit			
1	Bolt	2	Follow the left "Step" for removal. Refer to "JET PUMP UNIT".
2	Collar	2	
3	Nozzle deflector	1	
4	Bolt	2	
5	Collar	2	
6	Nozzle ring	1	
Reverse the removal steps for installation.			

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**JET PUMP** E

**IMPELLER DUCT AND DRIVE SHAFT**

⑥ →

**SERVICE POINTS**

**Drive shaft removal**

1. Remove:
  - Impeller

**NOTE:**  
The impeller has left-hand threads. Turn the impeller clockwise to loosen it.

2. Remove:
  - Nut ①

**NOTE:**  
Remove the drive shaft with a press.

3. Remove:
  - Drive shaft ①







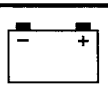





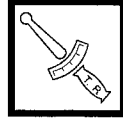











**NOTE:**  
Remove the drive shaft with a press.

4. Remove:
  - Rear bearing

**Slide hammer set:**  
YB-06096  
**Stopper guide plate:**  
90890-06501  
**Bearing puller:**  
90890-06535  
**Bearing puller claw 1:**  
90890-06536  
**Stopper guide stand:**  
90890-06538

For USA and Canada  
 For worldwide

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① <b>GEN INFO</b> 	② <b>SPEC</b> 
③ <b>INSP ADJ</b> 	④ <b>FUEL</b> 
⑤ <b>POWR</b> 	⑥ <b>JET PUMP</b> 
⑦ <b>ELEC</b> 	⑧ <b>HULL HOOD</b> 
⑨ <b>TRBL ANLS</b> 	⑩ 
⑪ 	⑫ 
⑬ 	⑭ 
⑮ 	⑯ 
⑰ 	⑱ 
⑲ 	⑳ 
㉑ 	㉒ 
㉓ 	㉔ 

A50001-1-4

## SYMBOLS

Symbols ① to ⑨ are designed to indicate the content of a chapter.

- ① General Information
- ② Specifications
- ③ Periodic Inspection and Adjustment
- ④ Fuel System
- ⑤ Power Unit
- ⑥ Jet Pump Unit
- ⑦ Electrical System
- ⑧ Hull and Hood
- ⑨ Trouble Analysis

Symbols ⑩ to ⑮ indicate specific data.

- ⑩ Special service tool
- ⑪ Specified oil or fluid
- ⑫ Specified engine speed
- ⑬ Specified tightening torque
- ⑭ Specified measurement
- ⑮ Specified electrical value  
(resistance, voltage, electric current)

Symbols ⑯ to ⑳ in an exploded diagram indicate the grade of lubricant and the lubrication point.

- ⑯ Apply Yamaha 2-stroke motor oil
- ⑰ Apply water resistant grease  
(Yamaha grease A, Yamaha marine grease)
- ⑱ Apply molybdenum disulfide grease

Symbols ⑲ to ㉔ in an exploded diagram indicate the type of sealant or locking agent and the application point.

- ⑲ Apply Gasket Maker
- ⑳ Apply Yamabond No. 4
- ㉑ Apply LOCTITE 271 (red)
- ㉒ Apply LOCTITE 242 (blue)
- ㉓ Apply LOCTITE 572
- ㉔ Apply silicone sealant

**NOTE:** \_\_\_\_\_  
Additional symbols may be used in this manual.