

## PREFACE

This SERVICE MANUAL has been prepared as a "SERVICE GUIDE" for the mechanic responsible for the upkeep of the HONDA OUTBOARD MOTOR B75.

It is compiled into nine sections and summarizes the procedures for disassembling, inspecting and reassembling the components of the machine.

Careful attention to the instructions given herein will result in better, safer service work.

**ALL INFORMATION, ILLUSTRATIONS, DIRECTIONS AND SPECIFICATIONS INCLUDED IN THIS PUBLICATION ARE BASED ON THE LATEST PRODUCT INFORMATION AVAILABLE AT THE TIME OF APPROVAL FOR PRINTING. HONDA MOTOR CO., LTD. RESERVES THE RIGHT TO MAKE CHANGES AT ANY TIME WITHOUT NOTICE AND WITHOUT INCURRING ANY OBLIGATION WHATEVER.**

**NO PART OF THIS PUBLICATION MAY BE REPRODUCED WITHOUT WRITTEN PERMISSION.**

**HONDA MOTOR CO., LTD.**  
Service Publications Office

## CONTENTS

① THE 9 RULES FOR EFFECTIVE SERVICE WORK .....	58
② POWER HEAD AND LOWER UNIT REMOVAL AND INSTALLATION ....	2
1. Lower Unit .....	2
2. Power Head .....	3
③ POWER HEAD .....	5
1. Recoil Starter .....	5
2. Carburetor and Intake Manifold .....	8
3. Cooling System.....	12
4. Cylinder Head and Camshaft .....	13
5. Cylinder Block, Pistons and Crankshaft	18
6. Electrical System .....	23
7. Oil Pump and Fuel Pump .....	25
④ LOWER UNIT .....	29
1. Propeller.....	29
2. Water Pump and Water Tubes .....	30
3. Gear Case and Shift Mechanism .....	33
⑤ SWIVEL UNIT .....	36
1. Steering Handle .....	36
2. Swivel Case, Mount Frame and Stern Brackets .....	37
3. Oil Case .....	40
4. Tilt and Reverse Lock Mechanisms ..	42
5. Shift Shaft .....	44
⑥ POST-SERVICE TESTS .....	45
⑦ FUEL TANKS .....	49
⑧ SERVICE DATA .....	50
1. Special Tools.....	50
2. Maintenance Schedule .....	52
3. Lubrication Chart.....	53
4. Torque Specification .....	54
5. Service Data .....	54
6. Trouble Shooting.....	56
7. Specifications.....	57
⑨ REMOTE CONTROL (Optional) .....	59
⑩ B75 K3 Service Information .....	65