

# **Johnson** **OUTBOARDS**

## **SERVICE MANUAL**



**4 HP models**

4R78, 4RL78, 4W78

**INTRODUCTION**

**GENERAL  
SERVICE  
INFORMATION**

**FUEL  
SYSTEM**

**IGNITION  
SYSTEM**

**POWER  
HEAD**

**LOWER  
UNIT**

**MANUAL  
STARTER**

**1**

**2**

**3**

**4**

**5**

**6**

**7**