

# **YFZ450S**

**SERVICE MANUAL** 

#### **HOW TO USE THIS MANUAL**

#### MANUAL ORGANIZATION

This manual consists of chapters for the main categories of subjects. (See "symbols")

1st title ①: This is the title of the chapter with its symbol in the upper right corner of each page.

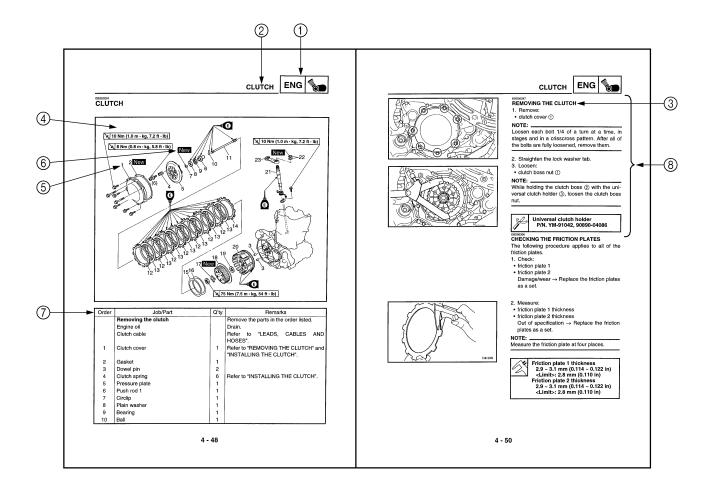
2nd title ②: This title indicates the section of the chapter and only appears on the first page of each section. It is located in the upper left corner of the page.

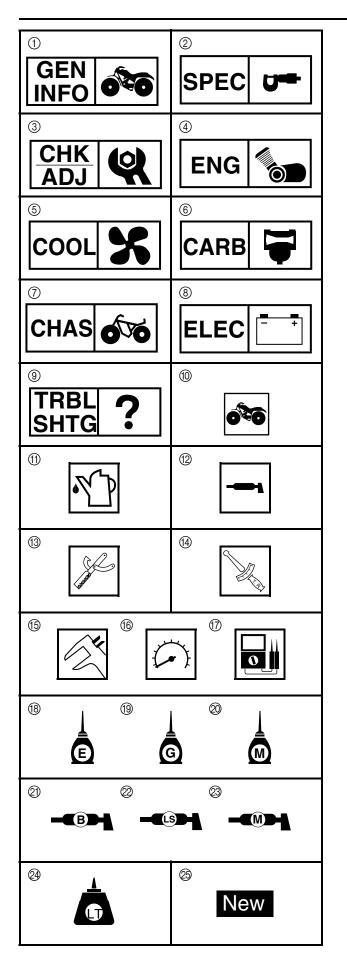
3rd title ③: This title indicates a sub-section that is followed by step-by-step procedures accompanied by corresponding illustrations.

#### **EXPLODED DIAGRAMS**

To help identify parts and clarify procedure steps, there are exploded diagrams at the start of each removal and disassembly section.

- 1. An easy-to-see exploded diagram 4 is provided for removal and disassembly jobs.
- 2. Numbers ⑤ are given in the order of the jobs in the exploded diagram. A number that is enclosed by a circle indicates a disassembly step.
- 3. An explanation of jobs and notes is presented in an easy-to-read way by the use of symbol marks⑥. The meanings of the symbol marks are given on the next page.
- 4. A job instruction chart ⑦ accompanies the exploded diagram, providing the order of jobs, names of parts, notes in jobs, etc.
- 5. For jobs requiring more information, the step-by-step format supplements ® are given in addition to the exploded diagram and the job instruction chart.





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#### **SYMBOLS**

The following symbols are not relevant to every machine.

Symbols ① to ③ indicate the subject of each chapter.

- (1) General information
- ② Specifications
- ③ Periodic checks and adjustments
- 4 Engine
- (5) Cooling system
- ⑥ Carburetor
- (7) Chassis
- ® Electrical
- Troubleshooting

Symbols (1) to (17) indicate the following

- 10 Serviceable with engine mounted
- 11) Filling fluid
- 1 Lubricant
- (3) Special tool
- 14 Torque
- (5) Wear limit, clearance
- (6) Engine speed
- $\mathfrak{P}$  Electrical data  $(\Omega, V, A)$

Symbols ® to in the exploded diagrams indicate the types of lubricants and lubrication points.

- (8) Apply engine oil
- Apply gear oil
- Apply molybdenum disulfide oil
- ② Apply wheel bearing grease
- 2 Apply lithium-soap-based grease
- 23 Apply molybdenum disulfide grease

Symbols ② to ⑤ in the exploded diagrams indicate where to apply a locking agent ② and when to install a new part ⑤.

- ② Apply the locking agent (LOCTITE®)
- 25 Replace

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