



YAMAHA

YZF-R6L

YZF-R6CL

Service Manual



HOW TO USE THIS MANUAL

This manual is intended as a handy, easy-to-read reference book for the mechanic. Comprehensive explanations of all installation, removal, disassembly, assembly, repair and check procedures are laid out with the individual steps in sequential order.

- ① The manual is divided into chapters. An abbreviation and symbol in the upper right corner of each page indicate the current chapter. Refer to "SYMBOLS".
- ② Each chapter is divided into sections. The current section title is shown at the top of each page, except in Chapter 3 ("PERIODIC CHECKS AND ADJUSTMENTS"), where the sub-section title(-s) appears.
- ③ Sub-section titles appear in smaller print than the section title.
- ④ To help identify parts and clarify procedure steps, there are exploded diagrams at the start of each removal and disassembly section.
- ⑤ Numbers are given in the order of the jobs in the exploded diagram. A circled number indicates a disassembly step.
- ⑥ Symbols indicate parts to be lubricated or replaced. Refer to "SYMBOLS".
- ⑦ A job instruction chart accompanies the exploded diagram, providing the order of jobs, names of parts, notes in jobs, etc.
- ⑧ Jobs requiring more information (such as special tools and technical data) are described sequentially.

⑥ ② ①

CLUTCH ENG

CLUTCH ENG

REMOVING THE CLUTCH

1 Remove
• clutch cover 1

NOTE:
Loosen each bolt 1/4 of a turn at time, in stages and in a crisscross pattern
After all of the bolts are fully loosened, remove them

2 Straighten the lock washer tab
3 Loosen
• clutch boss nut 1

NOTE:
While holding the clutch boss 2, with the clutch holding tool 3, loosen the clutch boss nut

Clutch holding tool
90890-04086

4 Remove:
• clutch boss nut 1
• lock washer 2
• clutch boss assembly 3

NOTE:
There is a built-in damper between the clutch boss and the friction plate. It is not necessary to remove the wire circlip 4, and disassemble the built-in damper unless there is serious clutch chattering

CHECKING THE FRICTION PLATES
The following procedure applies to all of the friction plates

1 Check
• friction plate
Damage/wear → Replace the friction plates as a set

2 Measure:
• friction plate thickness
Out of specification → Replace the friction plates as a set








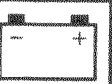







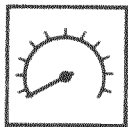








NOTE:
Measure the friction plate at four places

Friction plate thickness
2.9 - 3.1 mm
◀Limit▶: 2.8 mm

Order	Job/Part	Qty	Remarks
	Removing the clutch cover		
	Bottom cowling and right side cowling		Remove the parts in the order listed
	Engine oil		Refer to "COWLINGS" in chapter 3
			Do not
			Refer to "CHANGING THE ENGINE OIL" in chapter 3
1	Clutch cable	1	
2	Clutch cover	1	
3	Clutch cover gasket	1	
4	Dowel pin	2	
			For installation, reverse the removal procedure

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<p>①</p> <p>GEN INFO </p>	<p>②</p> <p>SPEC </p>	
<p>③</p> <p>CHK ADJ </p>	<p>④</p> <p>ENG </p>	
<p>⑤</p> <p>COOL </p>	<p>⑥</p> <p>CARB </p>	
<p>⑦</p> <p>CHAS </p>	<p>⑧</p> <p>ELEC </p>	
<p>⑨</p> <p>TRBL SHTG </p>	<p>⑩</p> <p></p>	
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<p>⑮</p> <p></p>	<p>⑯</p> <p></p>	<p>⑰</p> <p></p>
<p>⑱</p> <p></p>	<p>⑲</p> <p></p>	<p>⑳</p> <p></p>
<p>㉑</p> <p></p>	<p>㉒</p> <p></p>	<p>㉓</p> <p></p>
<p>㉔</p> <p></p>	<p>㉕</p> <p>New</p>	

SYMBOLS

The following symbols are not relevant to every vehicle.

Symbols ① to ⑨ indicate the subject of each chapter.

- ① General information
- ② Specifications
- ③ Periodic checks and adjustments
- ④ Engine
- ⑤ Cooling system
- ⑥ Carburetor(-s)
- ⑦ Chassis
- ⑧ Electrical system
- ⑨ Troubleshooting

Symbols ⑩ to ⑰ indicate the following.

- ⑩ Serviceable with engine mounted
- ⑪ Filling fluid
- ⑫ Lubricant
- ⑬ Special tool
- ⑭ Tightening torque
- ⑮ Wear limit, clearance
- ⑯ Engine speed
- ⑰ Electrical data










Symbols ⑱ to ㉓ in the exploded diagrams indicate the types of lubricants and lubrication points.

- ⑱ Engine oil
- ⑲ Gear oil
- ⑳ Molybdenum disulfide oil
- ㉑ Wheel bearing grease
- ㉒ Lithium soap base grease
- ㉓ Molybdenum disulfide grease

Symbols ㉔ to ㉕ in the exploded diagrams indicate the following.

- ㉔ Apply locking agent (LOCTITE®)
- ㉕ Replace the part

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