



**YAMAHA**

**YZF-R6**

**2001**

**5EB1-AE3**

**SUPPLEMENTARY  
SERVICE MANUAL**



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## FOREWORD

This Supplementary Service Manual has been prepared to introduce new service and data for the YZF-R6 2001. For complete service information procedures it is necessary to use this Supplementary Service Manual together with the following manual.

**YZF-R6 '99 SERVICE MANUAL: 5EB1-AE1**  
**YZF-R6 (L) 2000 SUPPLEMENTARY SERVICE MANUAL: 5EB1-AE2**

**YZF-R6 2001  
SUPPLEMENTARY  
SERVICE MANUAL**  
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## NOTICE

This manual was produced by the Yamaha Motor Company, Ltd. primarily for use by Yamaha dealers and their qualified mechanics. It is not possible to include all the knowledge of a mechanic in one manual, so it is assumed that anyone who uses this book to perform maintenance and repairs on Yamaha motorcycles has a basic understanding of the mechanical ideas and the procedures of motorcycles repair.

Repairs attempted by anyone without this knowledge are likely to render the motorcycles unfit for use.

Yamaha Motor Company, Ltd. is continually striving to improve all its models. Modifications and significant changes in specifications or procedures will be forwarded to all authorized Yamaha dealers and will appear in future editions of this manual where applicable.

**NOTE:** 

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Designs and specifications are subject to change without notice.

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## IMPORTANT INFORMATION

Particularly important information is distinguished in this manual by the following.



The Safety Alert Symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!



Failure to follow WARNING instructions could result in severe injury or death to the motorcycle operator, a bystander or a person inspecting or repairing the motorcycle.

**CAUTION:**

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

**NOTE:**

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

# 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 inspection 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" on the following page.
- ② Each chapter is divided into sections. The current section title is shown at the top of each page, except in Chapter 3 ("Periodic Inspections and Adjustments"), where the sub-section title (-s) appear. (In Chapter 3, "Periodic Inspections and Adjustments", the sub-section title appears at the top of each page, instead of the section title.)
- 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 (see "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.

CLUTCH ENG

CLUTCH ENG

Order	Job/Part	Qty	Remarks
<b>Removing the clutch</b>			
1	Compression spring	6	Remove the parts in the order listed.
2	Pressure plate	1	
3	Pull rod	1	
4	Bearing	1	Refer to "INSTALLING THE CLUTCH".
5	Friction plate	8	
6	Clutch plate	7	
7	Clutch plate	1	Refer to "REMOVING/INSTALLING THE CLUTCH".
8	Clutch boss nut	1	
9	Lock washer	1	
10	Clutch boss	1	

CLUTCH ENG

**REMOVING THE CLUTCH**

1. Remove:

- clutch cover ①

**NOTE:**

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

• Pressure plate  
• Friction and clutch plates

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 ③
- thrust plate ④

**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.














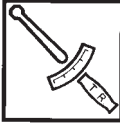










2. Measure:

- 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  
◀Limits▶ 2.8 mm

① GEN INFO 	② SPEC 	
③ CHK ADJ 	④ ENG 	
⑤ COOL 	⑥ CARB 	
⑦ CHAS 	⑧ ELEC 	
⑨ TRBL SHTG 	⑩ 	
⑪ 	⑫ 	
⑬ 	⑭ 	
⑮ 	⑯ 	⑰ 
⑱ 	⑲ 	⑳ 
㉑ 	㉒ 	㉓ 
㉔ 	㉕ <b>New</b>	

EB003000

## 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 adjustment
- 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 Apply engine oil
- ⑲ Apply gear oil
- ⑳ Apply molybdenum disulfide oil
- ㉑ Apply wheel bearing grease
- ㉒ Apply lightweight lithium-soap base grease
- ㉓ Apply molybdenum disulfide grease

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

- ㉔ Apply locking agent (LOCTITE®)
- ㉕ Use new one

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### YZF-R6 WIRING DIAGRAM







**SPECIFICATIONS**

**GENERAL SPECIFICATIONS**

Item	Standard	Limit
<b>Model code</b>	5MT1 (N) (D) (B) (GB) (GR) (DK) (NL) (S) (I) (E) 5MT2 (N) (D) (A) (SF) 5MT3 (F) 5MT4 (AUS) (NZ)	... ... ... ...
<b>Dimensions</b>		
Overall length	2025 mm (except for N, S, F, AUS, NZ) 2080 mm (for N, S, F, AUS, NZ)	... ...
Overall width	690 mm	...
Overall height	1105 mm	...
Seat height	820 mm	...
Wheelbase	1380 mm	...
Minimum ground clearance	135 mm	...
Minimum turning radius	3400 mm	...
<b>Weight</b>		
Wet (with oil and a full fuel tank)	186 kg	...
Dry (without oil and fuel)	167 kg	...
Maximum load (total of cargo, rider, passenger, and accessories)	375 kg	...



## ENGINE SPECIFICATIONS

Item	Standard	Limit
<b>Camshafts</b>		
Drive system	Chain drive (right)	...
Camshaft cap inside diameter	23.000 ~ 23.021 mm	...
Camshaft journal diameter	22.967 ~ 22.980 mm	...
Camshaft-journal-to-camshaftcap clearance	0.028 ~ 0.064 mm	0.08 mm
<b>Carburetors</b>		
Model (manufacturer) × quantity	CVRD37 (KEIHIN) × 4	...
Throttle cable free play (at the flange of the throttle grip)	6 ~ 8 mm	...
ID mark	5EB00, 5EB200 (G), 5EB300 (F)	...
Main jet	Carburetors 1 and 4: #152 Carburetors 2 and 3: #148	...
Main air jet	#110	...
Jet needle	Carburetors 1 and 4: N7RA Carburetors 2 and 3: N7SA	...
Needle jet	2.6	...
Pilot air jet	#110	...
Pilot outlet	0.9	...
Pilot jet	#38	...
Bypass 1	0.8	...
Bypass 2	0.8	...
Bypass 3	0.8	...
Pilot screw turns out	1-1/2 ~ 2	...
Valve seat size	1.2	...
Starter jet 1	#50	
Starter jet 2	0.6	
Butterfly valve size	#110	
Fuel level (below the line on the float chamber)	17.5 ~ 18.5 mm	

## CHASSIS SPECIFICATIONS

**SPEC**



### CHASSIS SPECIFICATIONS

Item	Standard	Limit
<b>Front tire</b>		
Tire type	Tubeless	•••
Size	120/60ZR17 (55W)	•••
Model (manufacturer)	MICHELIN Pilot SPORT B DUNLOP D207F-J	•••
Tire pressure (cold)		
0 ~ 90 kg	250 kPa (2.5 kg/cm <sup>2</sup> , 2.5 bar)	•••
90 ~ 189 kg	250 kPa (2.5 kg/cm <sup>2</sup> , 2.5 bar)	•••
High-speed riding	250 kPa (2.5 kg/cm <sup>2</sup> , 2.5 bar)	•••
Min. tire tread depth	•••	1.6 mm
<b>Rear tire</b>		
Tire type	Tubeless	•••
Size	180/55 ZR17 (73 W)	•••
Model (manufacturer)	MICHELIN Pilot SPORT B DUNLOP D207-N	•••
Tire pressure (cold)		
0 ~ 90 kg	250 kPa (2.5 kg/cm <sup>2</sup> , 2.5 bar)	•••
90 ~ 189 kg	290 kPa (2.9 kg/cm <sup>2</sup> , 2.9 bar)	•••
High-speed riding	250 kPa (2.5 kg/cm <sup>2</sup> , 2.5 bar)	•••
Min. tire tread depth		1.6 mm
<b>Drive chain</b>		
Model (manufacturer)	532ZLV KAI (DID)	•••
Link quantity	116	•••
Drive chain slack	40 ~ 50 mm	•••
Maximum ten-link section	150.1 mm	•••

## ELECTRICAL SPECIFICATIONS

**SPEC**



### ELECTRICAL SPECIFICATIONS

Item	Standard	Limit
<b>Ignition system</b>		
Ignition system type	C.D.I.	...
Ignition timing	10° BTDC at 1300 r/min	...
Advanced timing	55° BTDC at 5250 r/min	...
Advancer type	Throttle position sensor and electrical	...
Pickup coil resistance/color	248 ~ 372 Ω/Gy-B	...
Transistorized coil ignition unit model (manufacturer)	F8T383 (MITSUBISHI)	...
<b>Battery</b>		
Battery type	GT9B-4	...
Battery voltage/capacity	12 V/8 AH	...
<b>Bulbs (voltage/wattage × quantity)</b>		
Headlight	12 V 60 W/55 W × 2	...
Auxiliary light	12 V 5 W × 2	...
Tail/brake light	13.5 V 6.1 W/1 W × 20 (LED)	...
Turn signal light	12 V 21 W × 4	...
License plate light	12 V 5 W × 1	
Meter light	12 V 1.4 W × 2	
<b>Sidestand relay</b>		
Model	G8R-30Y-M	...
Coil resistance	162 ~ 198 Ω	...
<b>Fuel pump relay model (manufacturer)</b>	G8R-30Y-M (OMRON)	...
<b>Resistance</b>	162 ~ 198 Ω	
<b>Fuses (amperage × quantity)</b>		
Main fuse	30 A × 1	...
Headlight fuse	20 A × 1	...
Signaling system fuse	20 A × 1	...
Ignition fuse	15 A × 1	...
Radiator fan fuse	7.5 A × 1	...
Backup fuse (odometer)	7.5 A × 1	...
Reserve	30 A × 1	...
	20 A × 1	...
	15 A × 1	...
	7.5 A × 1	...

## TIGHTENING TORQUES

SPEC



### ENGINE TIGHTENING TORQUES

Item	Fastener	Thread size	Q'ty	Tightening torque		Remarks
				Nm	m•kg	
Cap bolt (timing chain tensioner)	Bolt	M6	1	7	0.7	
Neutral switch	Screw	M6	2	20	2.0	

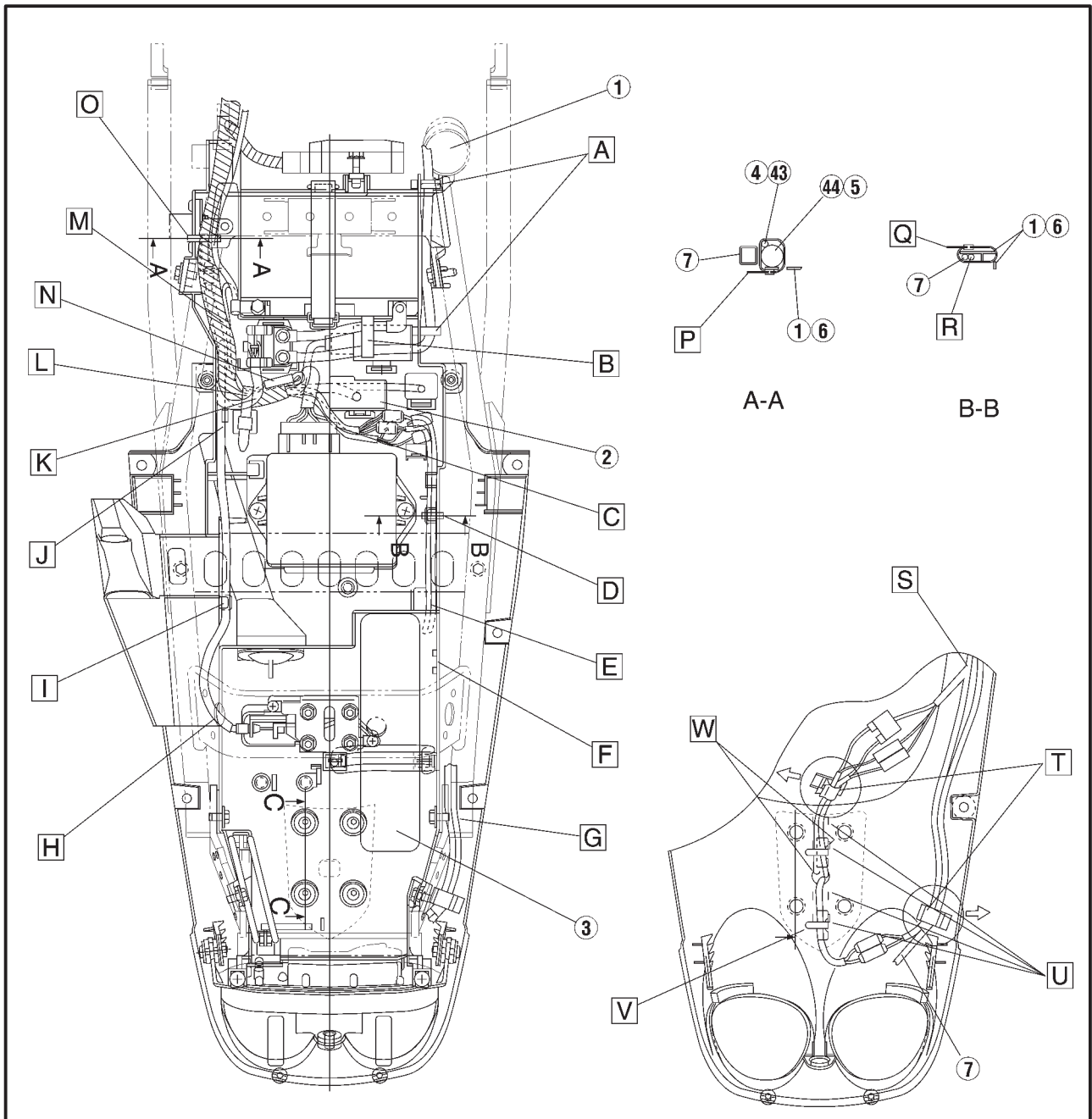


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## CABLE ROUTING

- ① Reservoir tank
- ② Fuse box
- ③ Tool kit
- ④ Wire minus lead
- ⑤ Wire harness
- ⑥ Battery box
- ⑦ Frame

- A Fasten the battery box and starter motor lead with a plastic clamp.
- B Fasten the wire positive lead and starter motor lead with clamp at the end of the cover of the battery positive terminal. The end of the clamp is facing forward.
- C Route the under of the CDI unit coupler.
- D Clamp the lead at the rear of the two holes.
- E Route the leads into the hole.
- F Route the lead along the inside of the two ribs.
- G Route the license plate light lead and taillight lead along the outside of the battery box so that the leads do not get caught between the rib of the battery box and the fender.

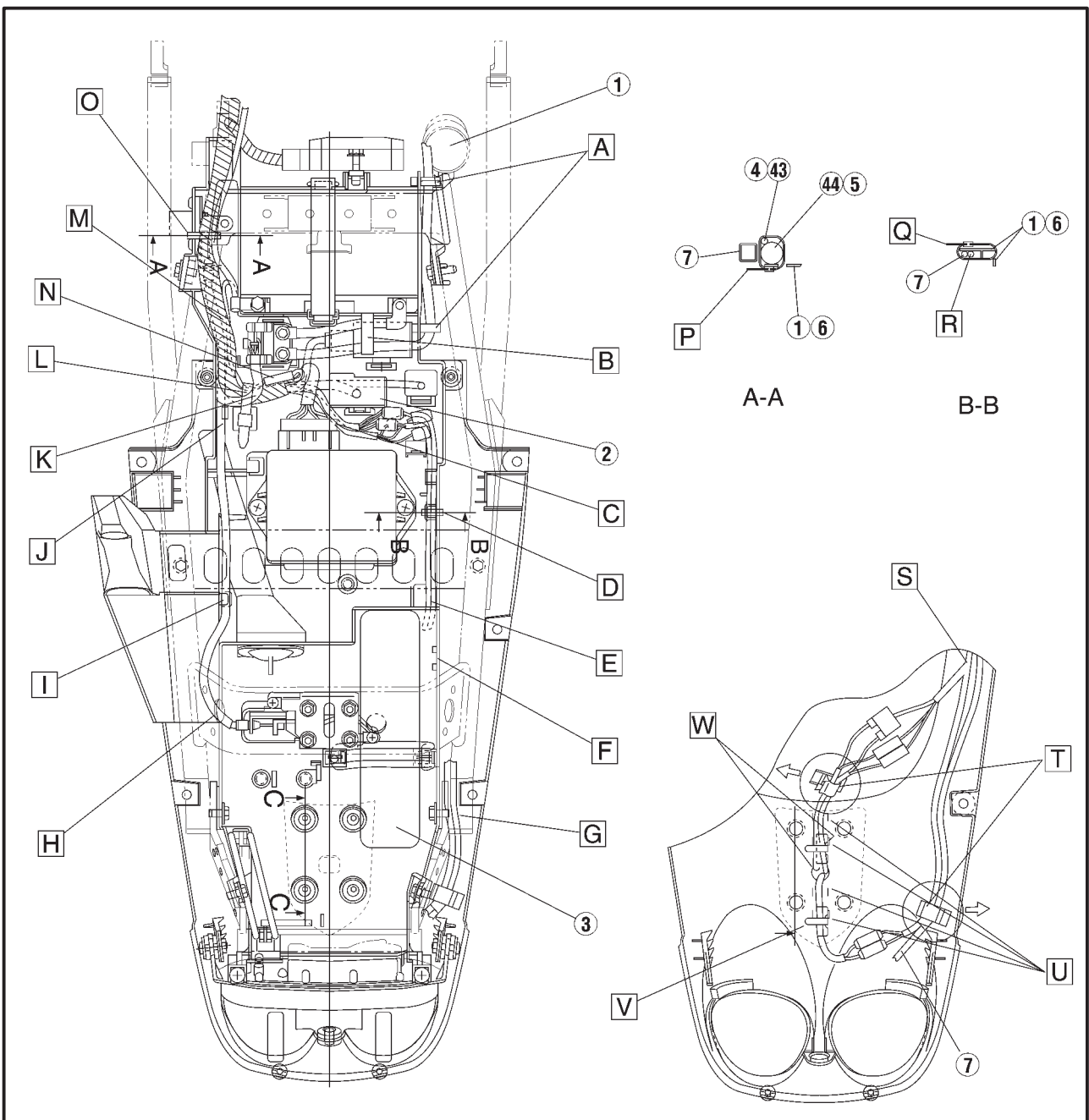


# CABLE ROUTING

SPEC



- [H] Route the seat lock cable into the hole of the frame. Mount the cable so that the side covered with a cable protector up the end is positioned at rear.
- [I] Fasten the seat lock cable with a steel clamp.
- [J] Do not fasten the seat lock cable.
- [K] Route the wire negative lead under the starter relay lead.
- [L] Fasten the main harness, starter relay lead and wire negative lead with a plastic clamp.
- [M] Route the wire negative lead under the main harness.
- [N] Position the wire negative lead coupler under the main harness.
- [O] Fasten the main harness, ground lead and battery box with a plastic clamp.
- [P] The end of the clamp is facing upward.
- [Q] The end of the clamp is facing upward.
- [R] Licence and flasher light sub harness on the taillight unit.
- [S] Licence and flasher light sub harness on the taillight unit.
- [T] Clamp the leads.
- [U] Store the ends of all leads at the inside of the rib.
- [V] Fasten the licence light lead. And bend the licence light lead.
- [W] Fasten the flasher light lead. And bend the flasher light lead.



# INTRODUCTION/PERIODIC MAINTENANCE AND LUBRICATION INTERVALS



EB300000

## PERIODIC CHECKS AND ADJUSTMENTS

### INTRODUCTION

This chapter includes all information necessary to perform recommended checks and adjustments. If followed, these preventive maintenance procedures will ensure more reliable vehicle operation, a longer service life and reduce the need for costly overhaul work. This information applies to vehicles already in service as well as to new vehicles that are being prepared for sale. All service technicians should be familiar with this entire chapter.

EB301000

### PERIODIC MAINTENANCE AND LUBRICATION INTERVALS

**NOTE:** \_\_\_\_\_

- The annual checks must be performed every year, except if a kilometer-based maintenance is performed instead.
- From 50,000 km, repeat the maintenance intervals starting from 10,000 km.
- Items marked with an asterisk should be performed by a Yamaha dealer as they require special tools, data and technical skills.

NO.	ITEM	CHECK OR MAINTENANCE JOB	ODOMETER READING ( × 1,000 km)					ANNUAL CHECK
			1	10	20	30	40	
1	* Fuel line	• Check fuel hoses for cracks or damage.		√	√	√	√	√
2	* Fuel filter	• Check condition.			√		√	
3	Spark plugs	• Check condition. • Clean and regap.		√		√		
		• Replace.			√		√	
4	* Valves	• Check valve clearance. • Adjust.	Every 40,000 km					
5	Air filter element	• Clean.		√		√		
		• Replace.			√		√	
6	Clutch	• Check operation. • Adjust.	√	√	√	√	√	
7	* Front brake	• Check operation, fluid level and vehicle for fluid leakage. (See NOTE)	√	√	√	√	√	√
		• Replace brake pads.	Whenever worn to the limit					
8	* Rear brake	• Check operation, fluid level and vehicle for fluid leakage. (See NOTE)	√	√	√	√	√	√
		• Replace brake pads.	Whenever worn to the limit					
9	* Brake hoses	• Check for cracks or damage.		√	√	√	√	√
		• Replace (See NOTE)	Every 4 years					
10	* Wheels	• Check runout and for damage.		√	√	√	√	
11	* Tires	• Check tread depth and for damage. • Replace if necessary. • Check air pressure. • Correct if necessary.		√	√	√	√	
12	* Wheel bearings	• Check bearing for looseness or damage.		√	√	√	√	
13	* Swingarm	• Check operation and for excessive play.		√	√	√	√	
		• Lubricate with lithium-soap-based grease.	Every 50,000 km					
14	Drive chain	• Check chain slack. • Make sure that the rear wheel is properly aligned. • Clean and lubricate.	Every 1,000 km and after washing the motorcycle or riding in the rain.					
15	* Steering bearings	• Check bearing play and steering for roughness.	√	√	√	√	√	
		• Lubricate with lithium-soap-based grease.	Every 20,000 km					
16	* Chassis fasteners	• Make sure that all nuts, bolts and screws are properly tightened.		√	√	√	√	√



## INTRODUCTION/PERIODIC MAINTENANCE AND LUBRICATION INTERVALS

**CHK  
ADJ**



NO.	ITEM	CHECK OR MAINTENANCE JOB	ODOMETER READING (× 1,000 km)					ANNUAL CHECK
			1	10	20	30	40	
17	Sidestand	<ul style="list-style-type: none"> <li>• Check operation.</li> <li>• Lubricate.</li> </ul>		√	√	√	√	√
18	* Sidestand switch	<ul style="list-style-type: none"> <li>• Check operation.</li> </ul>	√	√	√	√	√	√
19	* Front fork	<ul style="list-style-type: none"> <li>• Check operation and for oil leakage.</li> </ul>		√	√	√	√	
20	* Rear shock absorber assembly	<ul style="list-style-type: none"> <li>• Check operation and shock absorber for oil leakage.</li> </ul>		√	√	√	√	
21	* Rear suspension relay arm and connecting arm pivoting points	<ul style="list-style-type: none"> <li>• Check operation.</li> </ul>		√	√	√	√	
		<ul style="list-style-type: none"> <li>• Lubricate with lithium-soap-based grease.</li> </ul>			√		√	
22	* Carburetors	<ul style="list-style-type: none"> <li>• Check starter (choke) operation.</li> <li>• Adjust engine idling speed and synchronization.</li> </ul>	√	√	√	√	√	√
23	Engine oil	<ul style="list-style-type: none"> <li>• Change.</li> </ul>	√	√	√	√	√	√
24	Engine oil filter cartridge	<ul style="list-style-type: none"> <li>• Replace.</li> </ul>	√		√		√	
25	* Cooling system	<ul style="list-style-type: none"> <li>• Check coolant level and vehicle for coolant leakage.</li> </ul>		√	√	√	√	√
		<ul style="list-style-type: none"> <li>• Change.</li> </ul>	Every 3 years					
26	Moving parts and cables	<ul style="list-style-type: none"> <li>• Lubricate.</li> </ul>		√	√	√	√	√
27	* Lights, signals and switches	<ul style="list-style-type: none"> <li>• Check operation.</li> <li>• Adjust headlight beam.</li> </ul>	√	√	√	√	√	√

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**NOTE:** \_\_\_\_\_

- The air filter needs more frequent service if you are riding in unusually wet or dusty areas.
- Hydraulic brake service
  - Regularly check and, if necessary, correct the brake fluid level.
  - Every two years replace the internal components of the brake master cylinder and caliper, and change the brake fluid.
  - Replace the brake hoses every four years and if cracked or damaged.

## CHASSIS

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### CHECKING THE BRAKE FLUID LEVEL

1. Stand the motorcycle on a level surface.

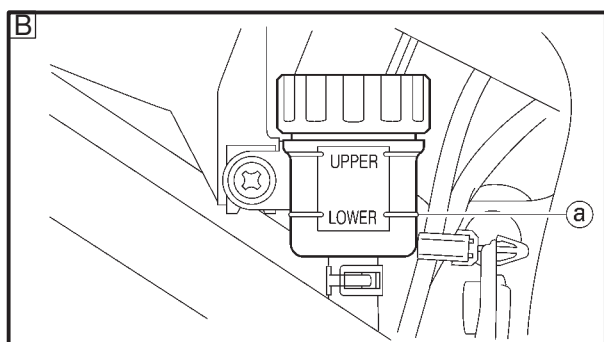
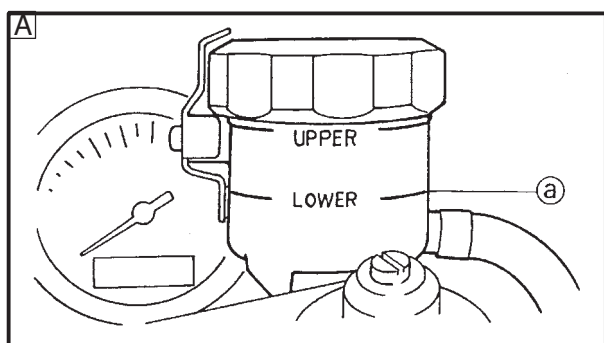
**NOTE:** \_\_\_\_\_

- Place the motorcycle on a suitable stand.
- Make sure that the motorcycle is upright.

2. Check:

- brake fluid level

Below the minimum level mark (a) → Add the recommended brake fluid to the proper level.



	<b>Recommended brake fluid DOT 4</b>
--	--

- A** Front brake
- B** Rear brake

**! WARNING** \_\_\_\_\_

- Use only the designated brake fluid. Other brake fluids may cause the rubber seals to deteriorate, causing leakage and poor brake performance.
- Refill with the same type of brake fluid that is already in the system. Mixing brake fluids may result in a harmful chemical reaction, leading to poor brake performance.
- When refilling, be careful that water does not enter the brake fluid reservoir. Water will significantly lower the boiling point of the brake fluid and could cause vapor lock.

**CAUTION:** \_\_\_\_\_

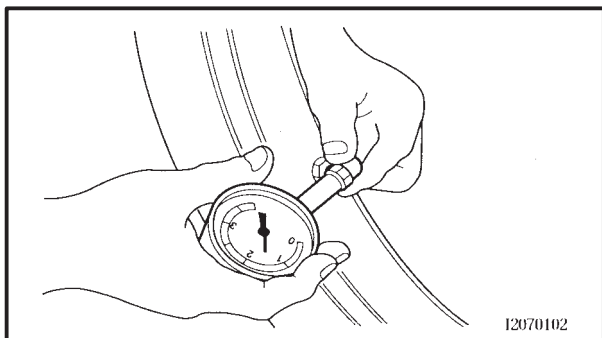
Brake fluid may damage painted surfaces and plastic parts. Therefore, always clean up any spilt brake fluid immediately.

**NOTE:** \_\_\_\_\_

In order to ensure a correct reading of the brake fluid level, make sure that the top of the brake fluid reservoir is horizontal.

## CHECKING THE TIRES

CHK  
ADJ



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### CHECKING THE TIRES

The following procedure applies to both of the tires.

1. Measure:
  - tire pressure
 Out of specification → Regulate.

#### **⚠ WARNING**

- The tire pressure should only be checked and regulated when the tire temperature equals the ambient air temperature.
- The tire pressure and the suspension must be adjusted according to the total weight (including cargo, rider, passenger and accessories) and the anticipated riding speed.
- Operation of an overloaded motorcycle could cause tire damage, an accident or an injury.

**NEVER OVERLOAD THE MOTORCYCLE.**

Basic weight (with oil and a full fuel tank)	186 kg	
Maximum load*	189 kg	
Cold tire pressure	Front	Rear
Up to 90 kg load*	250 kPa (2.5 kg/cm <sup>2</sup> , 2.5 bar)	250 kPa (2.5 kg/cm <sup>2</sup> , 2.5 bar)
90 kg ~ maximum load*	250 kPa (2.5 kg/cm <sup>2</sup> , 2.5 bar)	290 kPa (2.9 kg/cm <sup>2</sup> , 2.9 bar)
High-speed riding	250 kPa (2.5 kg/cm <sup>2</sup> , 2.5 bar)	250 kPa (2.5 kg/cm <sup>2</sup> , 2.5 bar)

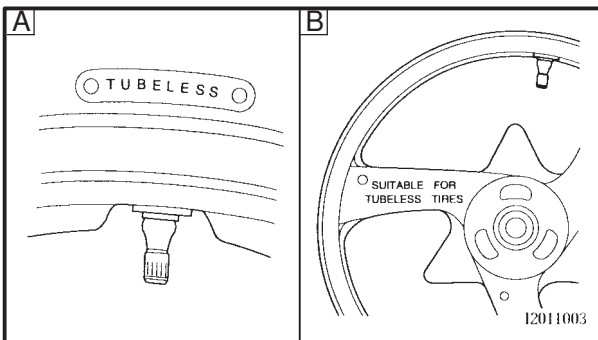
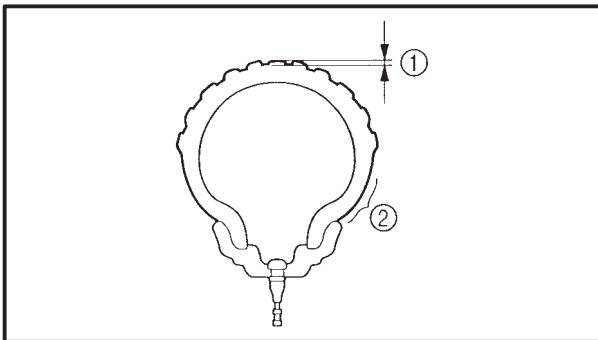
\* total of cargo, rider, passenger and accessories

#### **⚠ WARNING**

It is dangerous to ride with a worn-out tire. When the tire tread reaches the wear limit, replace the tire immediately.

## CHECKING THE TIRES

CHK  
ADJ



### 2. Check:

- tire surfaces  
Damage/wear → Replace the tire.



**Minimum tire tread depth  
1.6 mm**

- ① Tire tread depth
- ② Side wall

### ⚠ WARNING

- Do not use a tubeless tire on a wheel designed only for tube tires to avoid tire failure and personal injury from sudden deflation.
- When using a tube tire, be sure to install the correct tube.
- Always replace a new tube tire and a new tube as a set.
- To avoid pinching the tube, make sure that the wheel rim band and tube are centered in the wheel groove.
- Patching a punctured tube is not recommended. If it is absolutely necessary to do so, use great care and replace the tube as soon as possible with a good quality replacement.

A Tire      B Wheel

Tube wheel	Tube tire only
Tubeless wheel	Tube or tubeless tire

- After extensive tests, the tires listed below have been approved by Yamaha Motor Co., Ltd. for this model. The front and rear tires should always be by the same manufacturer and of the same design. No guarantee concerning handling characteristics can be given if a tire combination other than one approved by Yamaha is used on this motorcycle.

### Front tire

Manufacturer	Size	Model
MICHELIN	120/60 ZR17 (55W)	Pilot SPORT B
DUNLOP	120/60 ZR17 (55W)	D207F•J

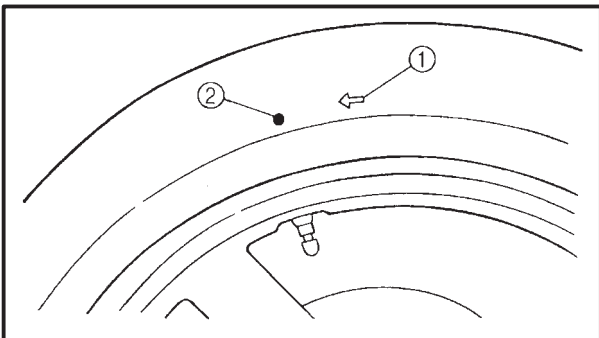


## Rear tire

Manufacturer	Size	Model
MICHELIN	180/55 ZR17 (73W)	Pilot SPORT B
DUNLOP	180/55 ZR17 (73W)	D207•N

### **⚠ WARNING**

New tires have a relatively low grip on the road surface until they have been slightly worn. Therefore, approximately 100 km could be traveled at normal speed before any highspeed riding is done.



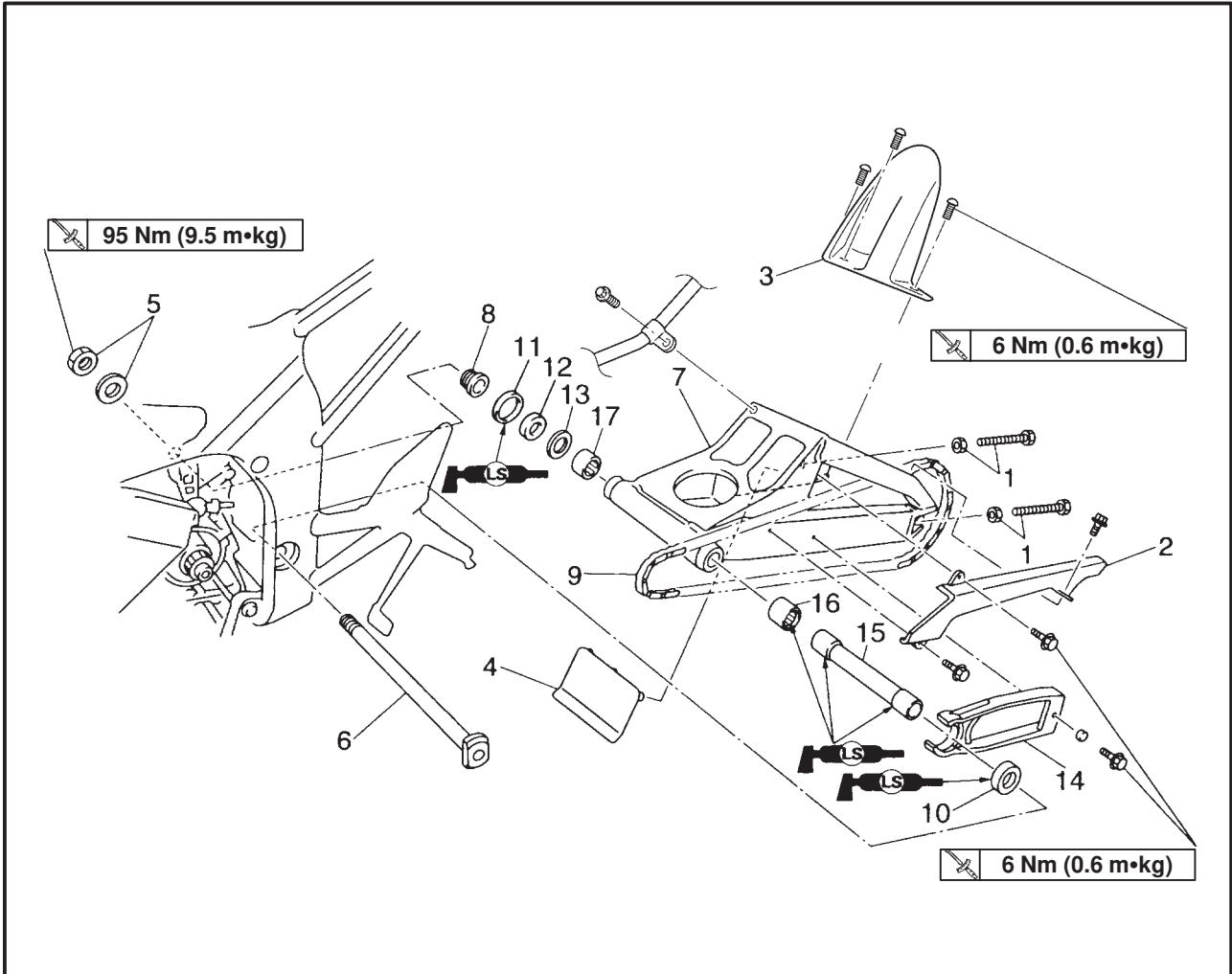
### **NOTE:**

- For tires with a direction of rotation mark ①:
- Install the tire with the mark pointing in the direction of wheel rotation.
  - Align the mark ② with the valve installation point.

EAS00700

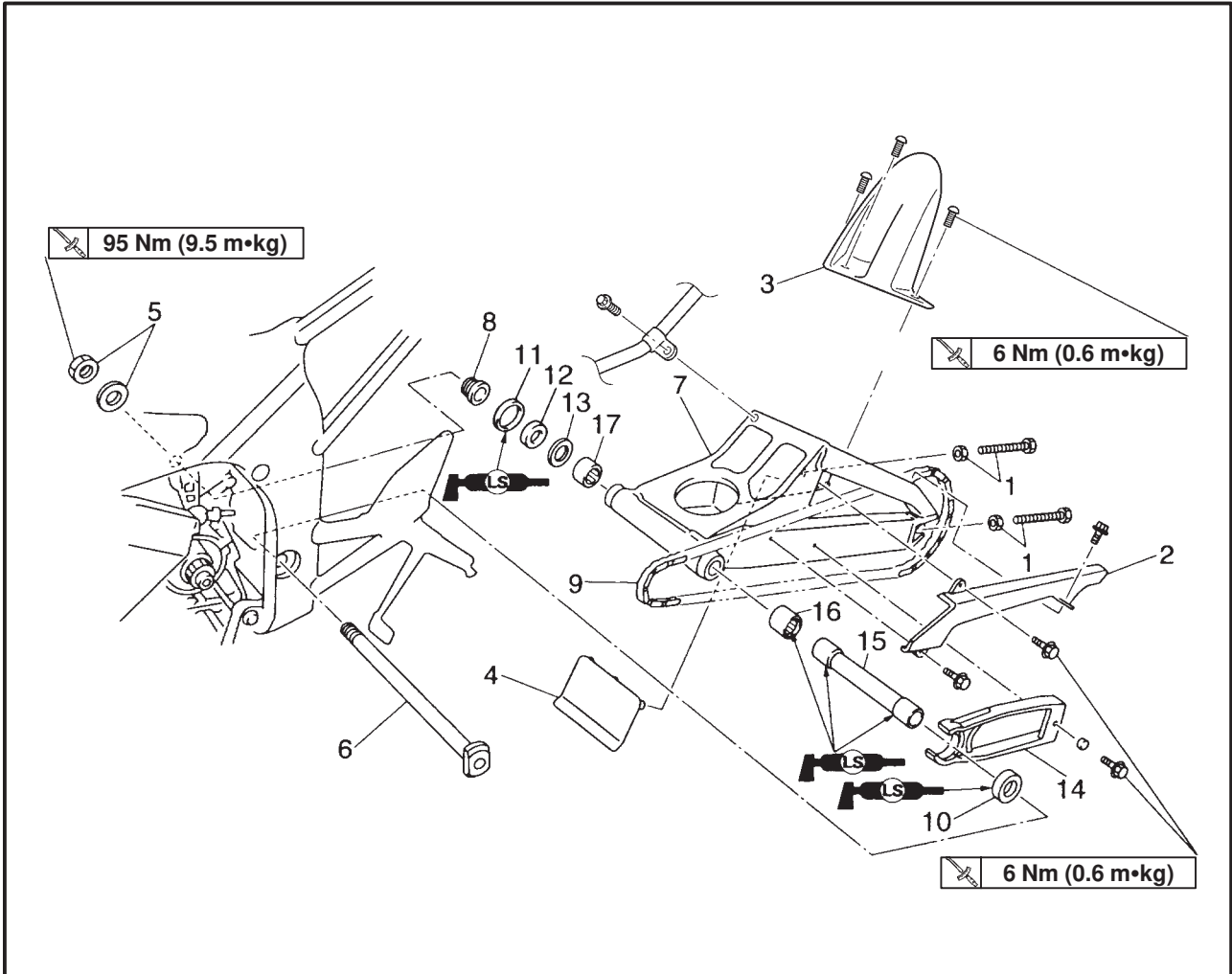
CHASSIS

SWINGARM AND DRIVE CHAIN



Order	Job/Part	Q'ty	Remarks
	<b>Removing the swingarm and drive chain</b>		Remove the parts in the order listed.
	Drive sprocket		Refer to "ENGINE" in chapter 4.
	Rear wheel		Refer to "REAR WHEEL, BRAKE DISC, AND REAR WHEEL SPROCKET".
	Rear shock absorber assembly		Refer to "REAR SHOCK ABSORBER ASSEMBLY".
1	Adjusting bolt/locknut	2/2	
2	Drive chain guard	1	
3	Rear fender	1	
4	Flap	1	
5	Pivot shaft nut/washer	1/1	
6	Pivot shaft	1	
7	Swingarm	1	

# SWINGARM AND DRIVE CHAIN

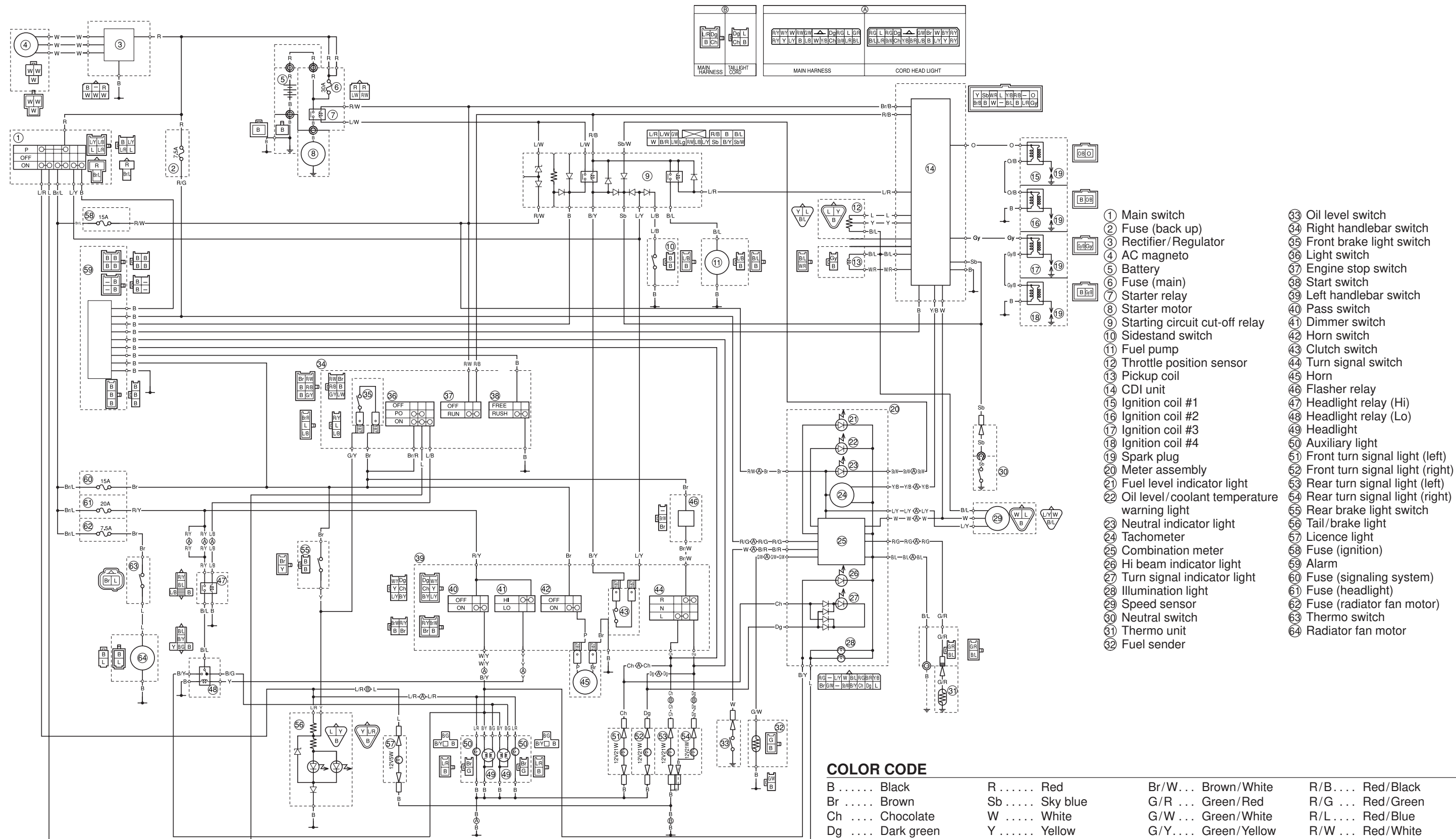


Order	Job/Part	Q'ty	Remarks
8	Pivot shaft adjust bolt	2	Refer to "REMOVING/INSTALLING THE SWINGARM".
9	Drive chain	1	
10	Dust cover	1	
11	Oil seal	1	
12	Bush	1	
13	Shim	1	
14	Drive chain guide	1	
15	Bush	1	
16	Left bearing	1	For installation, reverse the removal procedure.
17	Right bearing	1	





# YZF-R6 2001 WIRING DIAGRAM (for EUR)

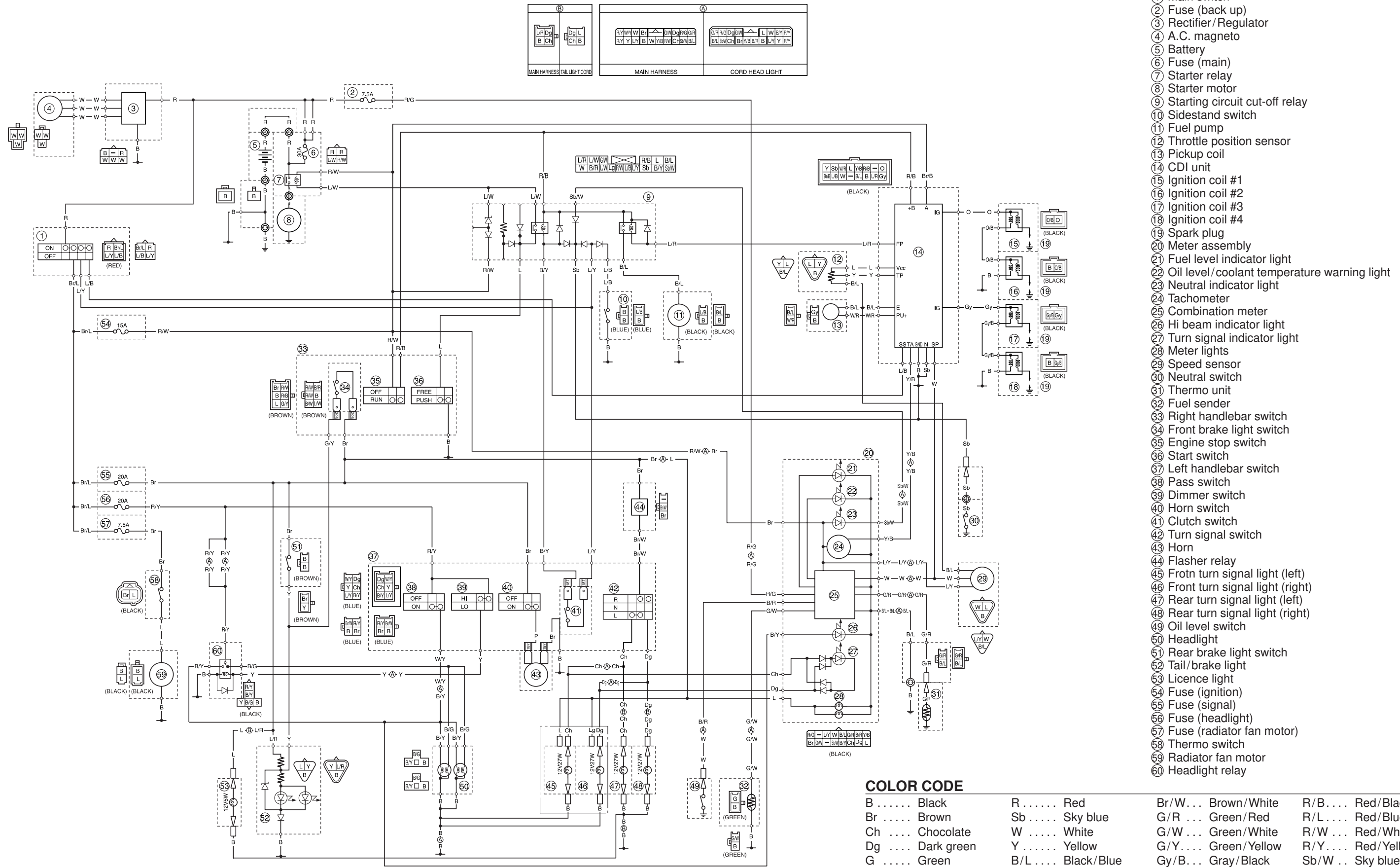


- ① Main switch
- ② Fuse (back up)
- ③ Rectifier/Regulator
- ④ AC magneto
- ⑤ Battery
- ⑥ Fuse (main)
- ⑦ Starter relay
- ⑧ Starter motor
- ⑨ Starting circuit cut-off relay
- ⑩ Sidestand switch
- ⑪ Fuel pump
- ⑫ Throttle position sensor
- ⑬ Pickup coil
- ⑭ CDI unit
- ⑮ Ignition coil #1
- ⑯ Ignition coil #2
- ⑰ Ignition coil #3
- ⑱ Ignition coil #4
- ⑲ Spark plug
- ⑳ Meter assembly
- ㉑ Fuel level indicator light
- ㉒ Oil level/coolant temperature warning light
- ㉓ Neutral indicator light
- ㉔ Tachometer
- ㉕ Combination meter
- ㉖ Hi beam indicator light
- ㉗ Turn signal indicator light
- ㉘ Illumination light
- ㉙ Speed sensor
- ㉚ Neutral switch
- ㉛ Thermo unit
- ㉜ Fuel sender
- ㉝ Oil level switch
- ㉞ Right handlebar switch
- ㉟ Front brake light switch
- ㊱ Light switch
- ㊲ Engine stop switch
- ㊳ Start switch
- ㊴ Left handlebar switch
- ㊵ Pass switch
- ㊶ Dimmer switch
- ㊷ Horn switch
- ㊸ Clutch switch
- ㊹ Turn signal switch
- ㊺ Horn
- ㊻ Flasher relay
- ㊼ Headlight relay (Hi)
- ㊽ Headlight relay (Lo)
- ㊾ Headlight
- ㊿ Auxiliary light
- 1 Front turn signal light (left)
- 2 Front turn signal light (right)
- 3 Rear turn signal light (left)
- 4 Rear turn signal light (right)
- 5 Rear brake light switch
- 6 Tail/brake light
- 7 Licence light
- 8 Alarm
- 9 Fuse (signaling system)
- 10 Fuse (headlight)
- 11 Fuse (radiator fan motor)
- 12 Thermo switch
- 13 Radiator fan motor

## COLOR CODE

B . . . . . Black	R . . . . . Red	Br/W . . . Brown/White	R/B . . . . Red/Black
Br . . . . . Brown	Sb . . . . . Sky blue	G/R . . . . Green/Red	R/G . . . . Red/Green
Ch . . . . . Chocolate	W . . . . . White	G/W . . . . Green/White	R/L . . . . Red/Blue
Dg . . . . . Dark green	Y . . . . . Yellow	G/Y . . . . Green/Yellow	R/W . . . . Red/White
G . . . . . Green	B/L . . . . Black/Blue	Gy/B . . . . Gray/Black	R/Y . . . . Red/Yellow
Gy . . . . . Gray	B/R . . . . Black/Red	L/B . . . . Blue/Black	Sb/W . . . Sky blue/White
L . . . . . Blue	B/Y . . . . Black/Yellow	L/R . . . . Blue/Red	W/G . . . . White/Green
Lg . . . . . Blue green	Br/B . . . . Brown/Black	L/W . . . . Blue/White	W/R . . . . White/Red
O . . . . . Orange	Br/L . . . . Brown/Blue	L/Y . . . . Blue/Yellow	W/Y . . . . White/Yellow
P . . . . . Pink	Br/R . . . . Brown/Red	O/B . . . . Orange/Black	Y/B . . . . Yellow/Black

# YZF-R6 WIRING DIAGRAM (for AUS)



- ① Main switch
- ② Fuse (back up)
- ③ Rectifier/Regulator
- ④ A.C. magneto
- ⑤ Battery
- ⑥ Fuse (main)
- ⑦ Starter relay
- ⑧ Starter motor
- ⑨ Starting circuit cut-off relay
- ⑩ Sidestand switch
- ⑪ Fuel pump
- ⑫ Throttle position sensor
- ⑬ Pickup coil
- ⑭ CDI unit
- ⑮ Ignition coil #1
- ⑯ Ignition coil #2
- ⑰ Ignition coil #3
- ⑱ Ignition coil #4
- ⑲ Spark plug
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- ㉑ Fuel level indicator light
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- ㉔ Tachometer
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- ㉖ Hi beam indicator light
- ㉗ Turn signal indicator light
- ㉘ Meter lights
- ㉙ Speed sensor
- ㉚ Neutral switch
- ㉛ Thermo unit
- ㉜ Fuel sender
- ㉝ Right handlebar switch
- ㉞ Front brake light switch
- ㉟ Engine stop switch
- ㊱ Start switch
- ㊲ Left handlebar switch
- ㊳ Pass switch
- ㊴ Dimmer switch
- ㊵ Horn switch
- ㊶ Clutch switch
- ㊷ Turn signal switch
- ㊸ Horn
- ㊹ Flasher relay
- ㊺ Front turn signal light (left)
- ㊻ Front turn signal light (right)
- ㊼ Rear turn signal light (left)
- ㊽ Rear turn signal light (right)
- ㊾ Oil level switch
- ㊿ Headlight
- 1 Fuel level indicator light
- 2 Tail/brake light
- 3 Licence light
- 4 Fuse (ignition)
- 5 Fuse (signal)
- 6 Fuse (headlight)
- 7 Fuse (radiator fan motor)
- 8 Thermo switch
- 9 Radiator fan motor
- 10 Headlight relay

## COLOR CODE

B . . . . . Black	R . . . . . Red	Br/W . . . Brown/White	R/B . . . . Red/Black
Br . . . . . Brown	Sb . . . . . Sky blue	G/R . . . . Green/Red	R/L . . . . Red/Blue
Ch . . . . . Chocolate	W . . . . . White	G/W . . . . Green/White	R/W . . . . Red/White
Dg . . . . . Dark green	Y . . . . . Yellow	G/Y . . . . Green/Yellow	R/Y . . . . Red/Yellow
G . . . . . Green	B/L . . . . Black/Blue	Gy/B . . . . Gray/Black	Sb/W . . . Sky blue/White
Gy . . . . . Gray	B/R . . . . Black/Red	L/B . . . . Blue/Black	W/G . . . . White/Green
L . . . . . Blue	B/W . . . . Black/White	L/R . . . . Blue/Red	W/R . . . . White/Red
Lg . . . . . Blue green	B/Y . . . . Black/Yellow	L/W . . . . Blue/White	W/Y . . . . White/Yellow
O . . . . . Orange	Br/B . . . . Brown/Black	L/Y . . . . Blue/Yellow	Y/B . . . . Yellow/Black
P . . . . . Pink	Br/L . . . . Brown/Blue	O/B . . . . Orange/Black	