

V7F-R6 2001 5EB1-AE3

SUPPLEMENTARY SERVICE MANUAL

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

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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: -

Designs and specifications are subject to change without notice.

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!
- **A WARNING** 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.

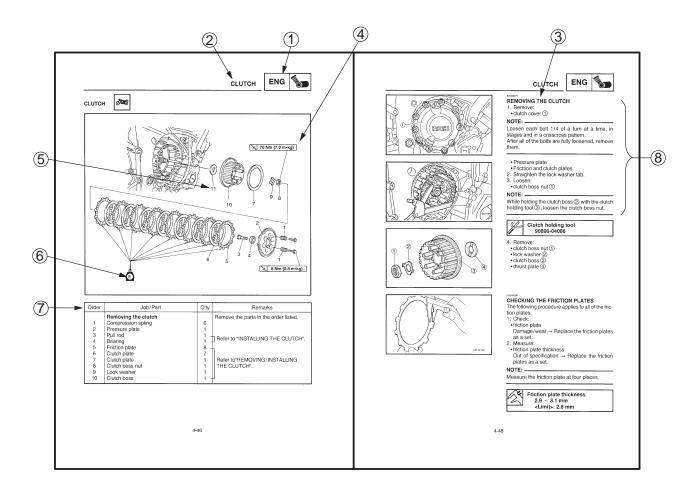
(4) To help identify parts and clarify procedure steps, there are exploded diagrams at the start of each removal and disassembly section.

(5) Numbers are given in the order of the jobs in the exploded diagram. A circled number indicates a disassembly step.

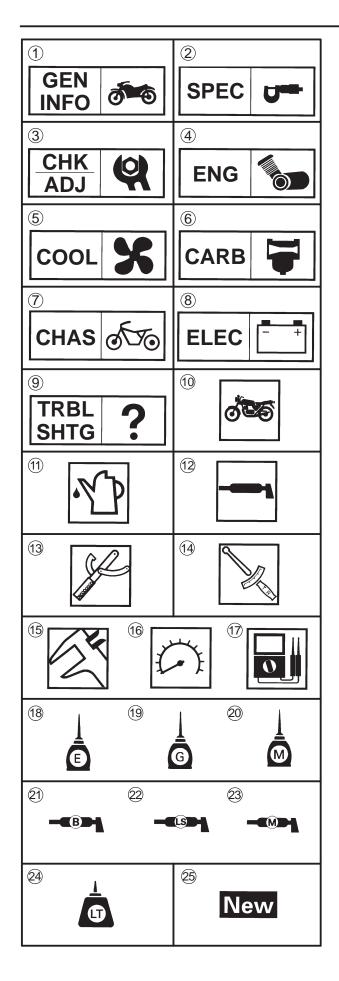
(6) Symbols indicate parts to be lubricated or replaced (see "SYMBOLS").

O 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 sequential on tial of the sequential of the sequential of the sequential of the sequence of the s



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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.

- 0 Serviceable with engine mounted
- (1) 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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CHASSIS

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YZF-R6 WIRING DIAGRAM



SPECIFICATIONS

GENERAL SPECIFICATIONS

Item	Standard	Limit
Model code	5MT1 (N) (D) (B) (GB) (GR) (DK) (NL) (S) (I) (E)	•••
	5MT2 (N) (D) (A) (SF)	•••
	5MT3 (F)	•••
	5MT4 (AUS) (NZ)	•••
Dimensions		
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	•••
Weight		
Wet (with oil and a full fuel tank)	186 kg	•••
, , , , , , , , , , , , , , , , , , ,		
Dry (without oil and fuel)	167 kg	•••
Maximum load (total of cargo, rider,	375 kg	•••
passenger, and accessories)		

ENGINE SPECIFICATIONS



ENGINE SPECIFICATIONS

Item	Standard	Limit
Camshafts		
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	0.028 ~ 0.064 mm	0.08 mm
clearance		
Carburetors		
Model (manufacturer) $ imes$ quantity	CVRD37 (KEIHIN) \times 4	•••
Throttle cable free play (at the	6 ~ 8 mm	•••
flange of the throttle grip)		
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	17.5 ~ 18.5 mm	
float chamber)		

CHASSIS SPECIFICATIONS



CHASSIS SPECIFICATIONS

Item	Standard	Limit
Front tire		
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 ² , 2.5 bar)	•••
90 ~ 189 kg	250 kPa (2.5 kg/cm ² , 2.5 bar)	•••
High-speed riding	250 kPa (2.5 kg/cm ² , 2.5 bar)	•••
Min. tire tread depth	•••	1.6 mm
Rear tire		
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 ² , 2.5 bar)	•••
90 ~ 189 kg	290 kPa (2.9 kg/cm ² , 2.9 bar)	•••
High-speed riding	250 kPa (2.5 kg/cm ² , 2.5 bar)	•••
Min. tire tread depth		1.6 mm
Drive chain		
Model (manufacturer)	532ZLV KAI (DID)	•••
Link quantity	116	•••
Drive chain slack	40 ~ 50 mm	•••
Maximum ten-link section	150.1 mm	•••

ELECTRICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS

Item	Standard	Limit
Ignition system		
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	F8T383 (MITSUBISHI)	•••
(manufacturer)		
Battery		
Battery type	GT9B-4	•••
Battery voltage/capacity	12 V/8 AH	•••
Bulbs (voltage/wattage \times quantity)		
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	
Sidestand relay		
Model	G8R-30Y-M	•••
Coil resistance	162 ~ 198 Ω	•••
Fuel pump relay model (manufacturer)	G8R-30Y-M (OMRON)	•••
Resistance	162 ~ 198 Ω	
Fuses (amperage \times quantity)		
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	•••



ENGINE TIGHTENING TORQUES

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

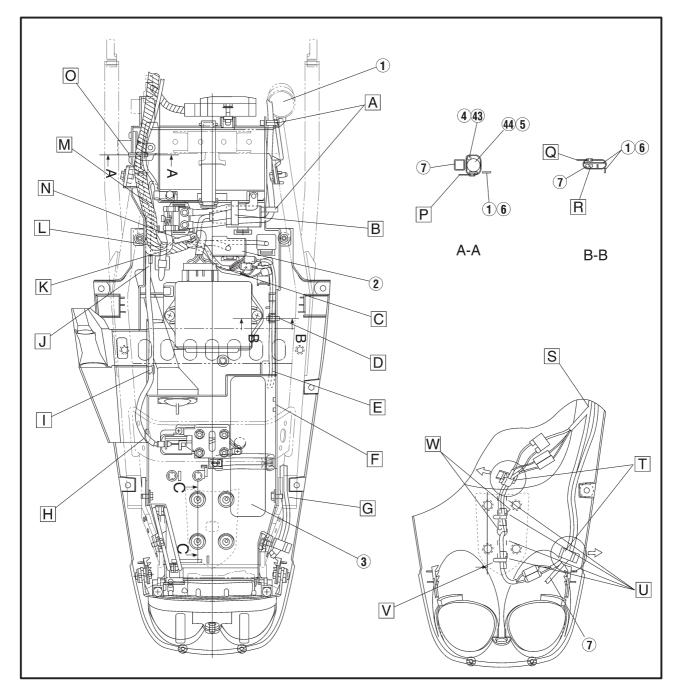
CABLE ROUTING



CABLE ROUTING

- (1) Reservoir tank
- 2 Fuse box
- 3 Tool kit
- 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 frontward.
- 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.



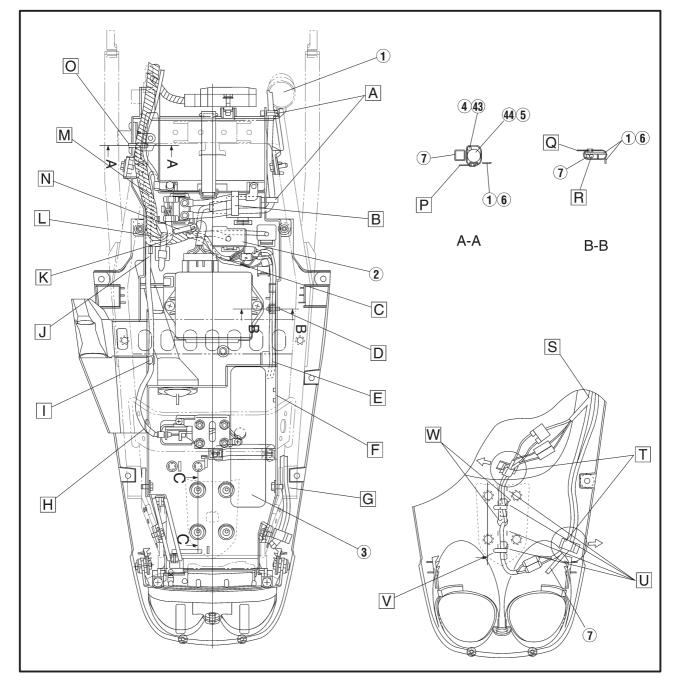
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CABLE ROUTING



- 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.
- $\overline{\mathbf{J}}$ Do not fasten the seat lock cable.
- K Route the wire negative lead under the starter relay lead.
- □ 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.
- \square 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.



-7-



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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.

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PERIODIC MAINTENANCE AND LUBRICATION INTERVALS

- 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.

		17514		ODC	METER I	READING	(× 1,000	km)	ANNUAL
NC).	ITEM	CHECK OR MAINTENANCE JOB	1	10	20	30	40	СНЕСК
1	*	Fuel line	Check fuel hoses for cracks or damage.		V	√	V		√
2	*	Fuel filter	Check condition.						
3		Spark plugs	Check condition.Clean and regap.		V		V		
			Replace.			\checkmark			
4	*	Valves	Check valve clearance. Adjust.			Every	40,000 km	1	•
-			• Clean.		\checkmark		V		
5		Air filter element	Replace.			\checkmark			
6		Clutch	Check operation. Adjust.	V	V	V	V	V	
7	*	Front brake	Check operation, fluid level and vehicle for fluid leakage. (See NOTE)	V	V	V	V	V	V
			Replace brake pads.	Whenever worn to the limit					
8	*	Rear brake	Check operation, fluid level and vehicle for fluid leakage. (See NOTE)	V	V	V	\checkmark	V	~
		Replace brake pads.		Whenever worn to the limit					
9	*	Brake hoses	Check for cracks or damage.	· · · · · · · · · · · · · · · · · · ·			\checkmark		
9		Brake noses	Replace (See NOTE)	Every 4 years			·		
10	*	Wheels	Check runout and for damage.		\checkmark	\checkmark	\checkmark	\checkmark	
11	*	Tires	 Check tread depth and for damage. Replace if necessary. Check air pressure. Correct if necessary. 		1	\checkmark	V	V	
12	*	Wheel bearings	Check bearing for looseness or damage.		\checkmark		\checkmark		
			Check operation and for excessive play.		V		V		
13	*	Swingarm • Lubricate with lithium-soap-based grease.		Every	50,000 km	י <u></u> ו	1		
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.	V	V	\checkmark	V	\checkmark	
			Lubricate with lithium-soap-based grease.			Every	20,000 km	1	
16	*	Chassis fasteners	Make sure that all nuts, bolts and screws are properly tightened.		\checkmark	V	\checkmark	V	\checkmark

INTRODUCTION/PERIODIC MAINTENANCE AND LUBRICATION INTERVALS



NO. ITEM				ODC	ANNUAL				
		TIEM	CHECK OR MAINTENANCE JOB	1	10	20	30	40	CHECK
17		Sidestand	Check operation.Lubricate.		V	V	V	V	\checkmark
18	*	Sidestand switch	Check operation.	\checkmark	\checkmark	V	V	V	√
19	*	Front fork	Check operation and for oil leakage.		\checkmark	V	\checkmark	V	
20	*	Rear shock absorber assembly	Check operation and shock absorber for oil leakage.		V	V	V	V	
21	*	Rear suspension relay arm and	Check operation.		\checkmark	\checkmark	V	V	
21		connecting arm pivoting points	Lubricate with lithium-soap-based grease.			\checkmark		V	
22	*	Carburetors	Check starter (choke) operation.Adjust engine idling speed and synchronization.	\checkmark	\checkmark	\checkmark	\checkmark	V	\checkmark
23		Engine oil	Change.	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	
24		Engine oil filter cartridge	Replace.	\checkmark		V		V	
25	*	Cooling overlage	Check coolant level and vehicle for coolant leakage.		V	V	V	V	
20	5 * Cooling system		Change.			Ever	/ 3 years		
26		Moving parts and cables	Lubricate.		\checkmark	\checkmark	\checkmark	V	\checkmark
27	*	Lights, signals and switches	Check operation. Adjust headlight beam.		V	\checkmark	\checkmark	V	√

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

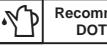
CHECKING THE BRAKE FLUID LEVEL

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) \rightarrow Add the recommended brake fluid to the proper level.



Recommended brake fluid DOT 4

A Front brake

B Rear brake

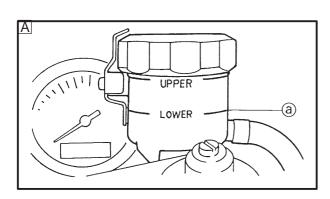
- Use only the designated brake fluid. Other brake fluids may cause the rubber seals to deteriorate, causing leakage and poor brake performance.
- Refill with the same type of brake fluid that is already in the system. Mixing brake fluids may result in a harmful chemical reaction, leading to poor brake 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.

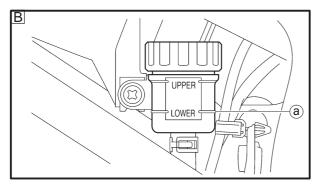
CAUTION:

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.

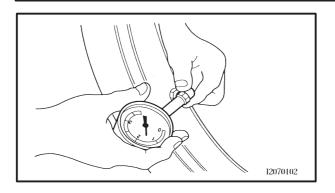






CHECKING THE TIRES

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CHECKING THE TIRES

The following procedure applies to both of the tires.

- 1. Measure:
 - tire pressure
 - Out of specification \rightarrow Regulate.

A 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.

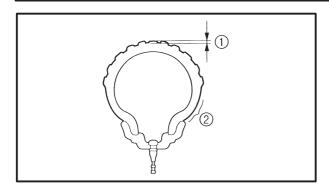
NEVER OVERLOAD THE MOTORCYCLE.

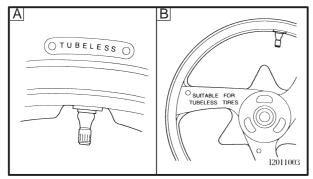
-					
Basic weight (with oil and a full fuel tank)	186 kg				
Maximum load*	189	kg			
Cold tire pressure	Front	Rear			
Up to 90 kg load*	250 kPa (2.5 kg/cm ² , 2.5 bar)	250 kPa (2.5 kg/cm ² , 2.5 bar)			
90 kg ∼maximum Ioad*	250 kPa (2.5 kg/cm ² , 2.5 bar)	290 kPa (2.9 kg/cm ² , 2.9 bar)			
High-speed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

* total of cargo, rider, passenger and accessories

A 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



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

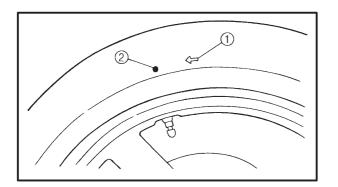


Rear tire

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

A WARNING

New tires have a relatively low grip on the road surface until they have been slightly worn. Therefore, approximately 100 km sould 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.

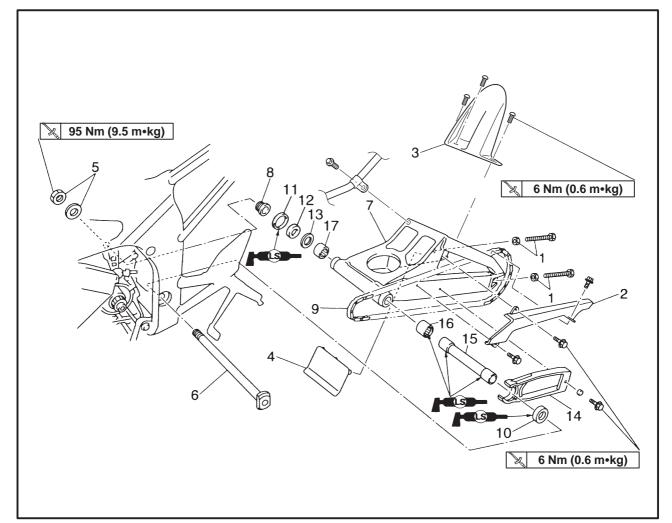
SWINGARM AND DRIVE CHAIN



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CHASSIS

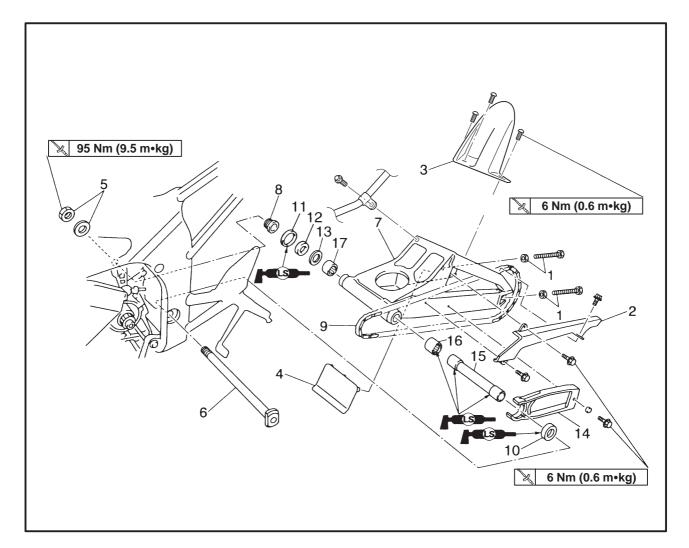
SWINGARM AND DRIVE CHAIN



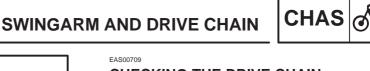
Order	Job/Part	Q'ty	Remarks
	Removing the swingarm and drive chain		Remove the parts in the order listed.
	Drive sprocket		Refer to "ENGINE" in chapter 4.
	Rear wheel		Refer to "REAR WHEEL, BRAKE DISC, AND REAR WHEEL SPROCKET".
	Rear shock absorber assembly		Refer to "REAR SHOCK ABSORBER ASSEMBLY".
1	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

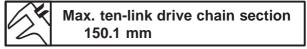


Order	Job/Part	Q'ty	Remarks
8	Pivot shaft adjust bolt	2	Refer to "REMOVING/INSTALLING THE SWINGARM".
9	Drive chain	1	
10	Dust cover	1	
11	Oil seal	1	
12	Bush	1	
13	Shim	1	
14	Drive chain guide	1	
15	Bush	1	
16	Left bearing	1	
17	Right bearing	1	
			For installation, reverse the removal procedure.





- 1. Measure:
 - ten-link section (a) of the drive chain
 Out of specification → Replace the drive chain.



NOTE: -

- While measuring the ten-link section, push down on the drive chain to increase its tension.
- Measure the length between drive chain roller 1 and 1 as shown.
- Perform this measurement at two or three different places.

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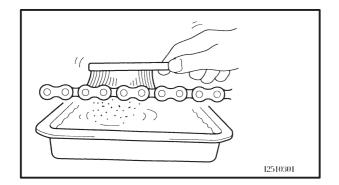
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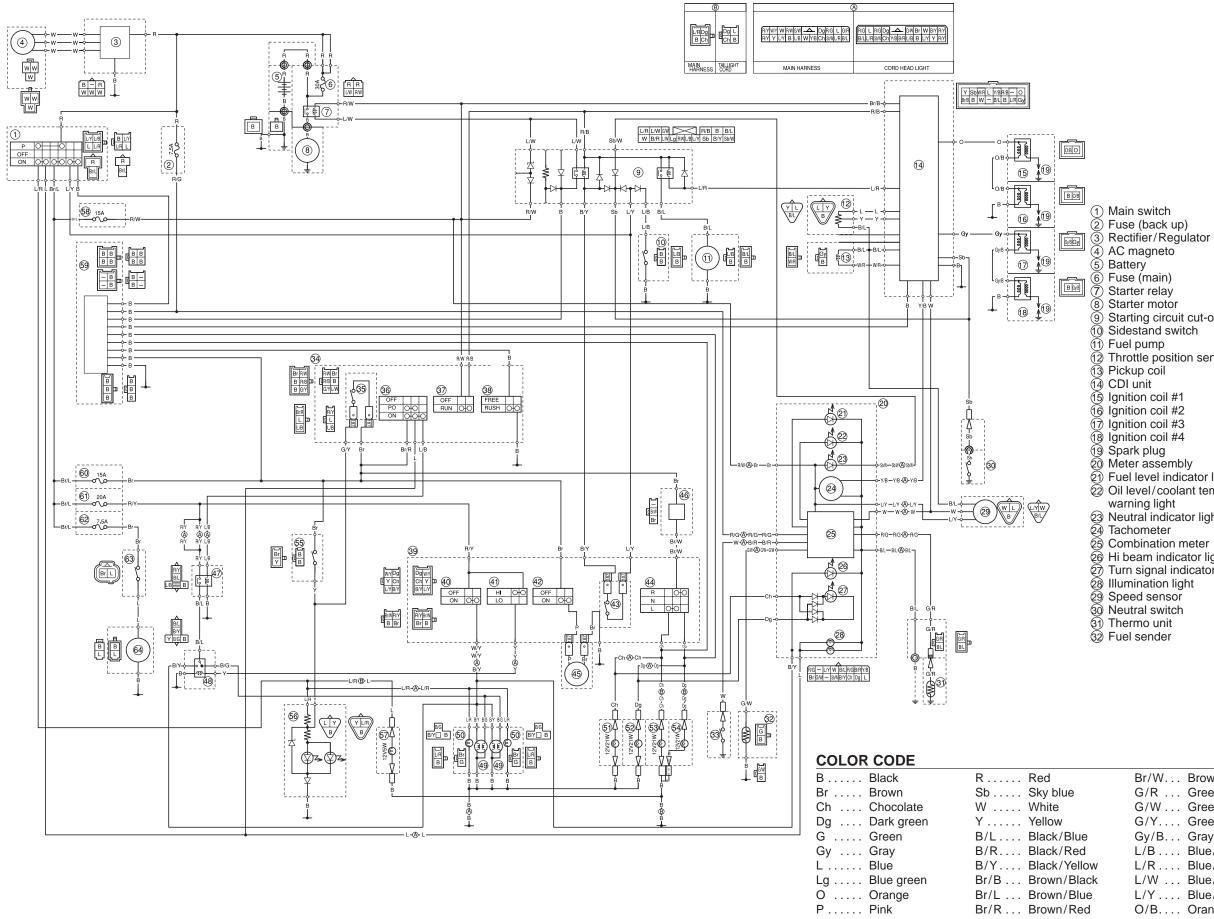
(a)



- 2. Check:
 - drive chain Stiffness \rightarrow Clean and lubricate or replace.

- 3. Clean:
- drive chain
- a. Wipe the drive chain with a clean cloth.
- b. Put the drive chain in kerosine and remove any remaining dirt.

YZF-R6 2001 WIRING DIAGRAM (for EUR)

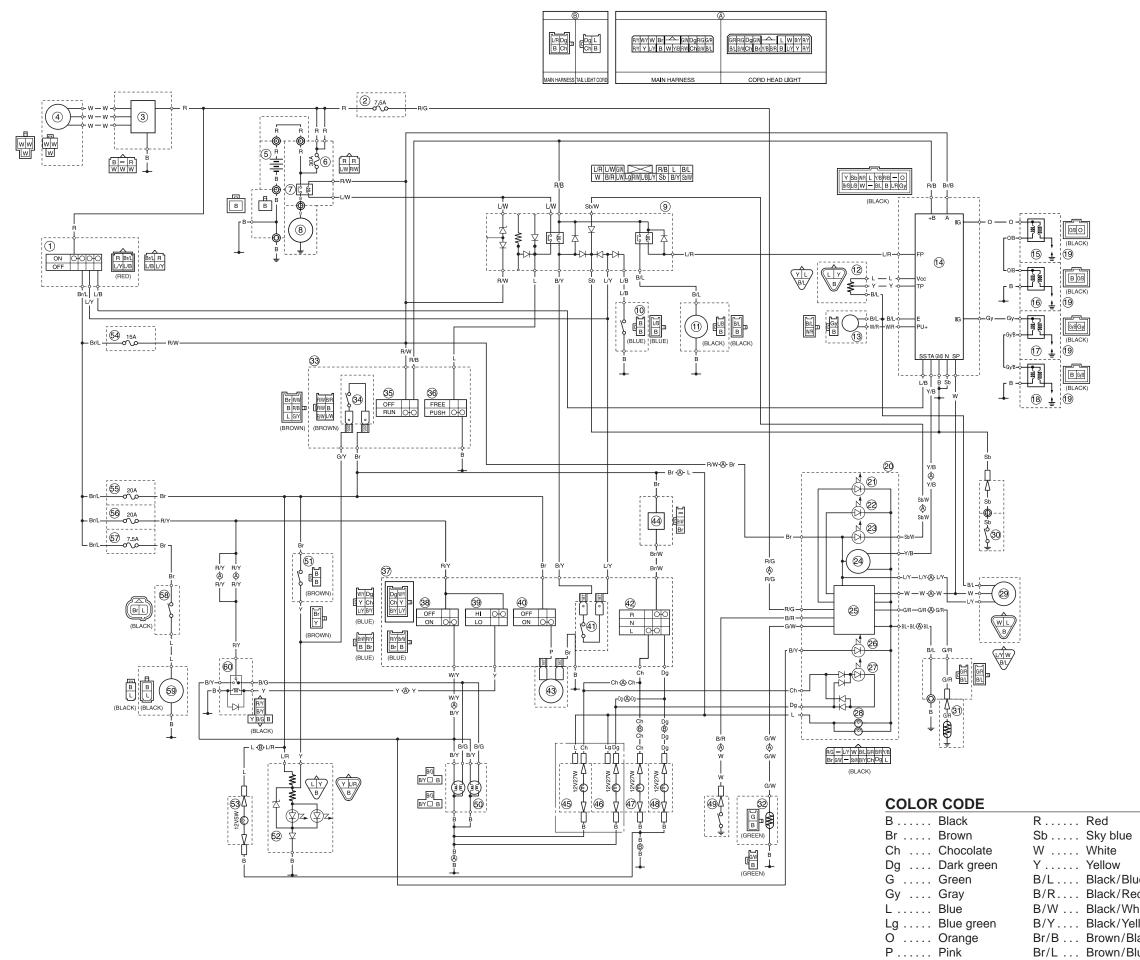


rter relay
rter motor
rting circuit cut-off relay
estand switch
l pump
ottle position sensor
kup coil
unit
tion coil #1
tion coil #2
tion coil #3
tion coil #4
irk plug
er assembly
l level indicator light
evel/coolant temperature
ning light
itral indicator light
hometer
nbination meter
eam indicator light
n signal indicator light
nination light
ed sensor
itral switch
ermo unit
l sender

(3) Oil level switch
(3) Right handlebar switch
(3) Front brake light switch 39 Light switch
39 Engine stop switch
38 Start switch 3 Left handlebar switch 40 Pass switch (41) Dimmer switch (42) Horn switch 43 Clutch switch44 Turn signal switch 45 Horn 46 Flasher relay Headlight relay (Hi)
Headlight relay (Lo)
Headlight
Headlight 60 Auxiliary light
61 Front turn signal light (left) 62 Front turn signal light (right)
63 Rear turn signal light (left) 63 Rear turn signal light (right)
64 Rear turn signal light (right)
65 Rear brake light switch
66 Tail/brake light
67 Licence light
68 Fuse (ignition) 69 Alarm 60 Fuse (signaling system)
61 Fuse (headlight)
62 Fuse (radiator fan motor) 63 Thermo switch64 Radiator fan motor

Br/W	Brown/White	R/B	Red/Black
G/R	Green/Red	R/G	Red/Green
G/W	Green/White	R/L	Red/Blue
G/Y	Green/Yellow	R/W	Red/White
Gy/B	Gray/Black	R/Y	Red/Yellow
L/B	Blue/Black	Sb/W	Sky blue/White
L/R	Blue/Red	W/G	White/Green
L/W	Blue/White	W/R	White/Red
L/Y	Blue/Yellow	W/Y	White/Yellow
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
 20 Meter assembly 21) Fuel level indicator light 2 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 Meter lights 29 Speed sensor30 Neutral switch (31) Thermo unit 32 Fuel sender 3 Right handlebar switch 34 Front brake light switch
35 Engine stop switch 36 Start switch (37) Left handlebar switch (38) Pass switch 3 Dimmer switch 40 Horn switch (41) Clutch switch Turn signal switch 43 Horn 44 Flasher relay (45) Frotn turn signal light (left) 46 Front turn signal light (right) 47 Rear turn signal light (left) (48) Rear turn signal light (right) (1) Oil level switch 60 Headlight 61 Rear brake light switch 52 Tail/brake light 53 Licence light 64 Fuse (ignition) 65 Fuse (signal) 56 Fuse (headlight) 57 Fuse (radiator fan motor) 58 Thermo switch 69 Radiator fan motor 6 Headlight relay Br/W... Brown/White R/B.... Red/Black

	G/R	Green/Red	R/L	Red/Blue
	G/W	Green/White	R/W	Red/White
	G/Y	Green/Yellow	R/Y	Red/Yellow
Je	Gy/B	Gray/Black	Sb/W	Sky blue/White
ed	L/B	Blue/Black	W/G	White/Green
hite	L/R	Blue/Red	W/R	White/Red
llow	L/W	Blue/White	W/Y	White/Yellow
lack	L/Y	Blue/Yellow	Y/B	Yellow/Black
lue	O/B	Orange/Black		