



BT1100 2002

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SERVICE MANUAL

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BT1100 2002

SERVICE MANUAL

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NOTICE

This manual was produced by the Belgarda S.p.A. 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. Therefore, anyone who uses this book to perform maintenance and repairs on Yamaha vehicles should have a basic understanding of mechanics and the techniques to repair these types of vehicles. Repair and maintenance work attempted by anyone without this knowledge is likely to render the vehicle unsafe and unfit for use.

Belgarda S.p.A. is continually striving to improve all of 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 MANUAL 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 checking 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 check procedures are laid out with the individual steps in sequential order.

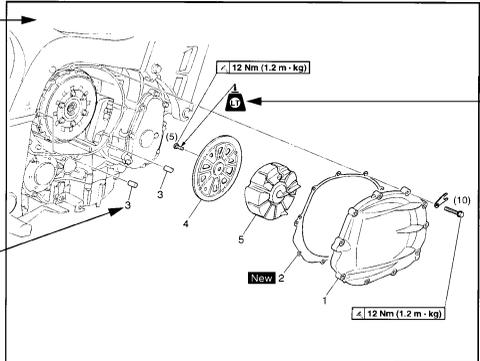
- ① The manual is divided into chapters. An abbreviation and symbol in the upper right corner of each page indicate the current chapter.
Refer to "SYMBOLS".
- ② Each chapter is divided into sections. The current section title is shown at the top of each page, except in Chapter 3 ("PERIODIC CHECKS AND 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.

② CLUTCH

① ENG

CLUTCH ENG

CLUTCH COVER



④

⑤

⑥

⑦

Order	Job/Part	Q'ty	Remarks
Removing the clutch cover			
	Right side cowling		Refer to "COWLINGS AND COVERS" in chapter 3.
	Engine oil		Refer to "CHANGING THE ENGINE OIL" in chapter 3.
1	Clutch cover	1	
2	Clutch cover gasket	1	
3	Dowel pin	2	
4	Damper cover	1	
5	Damper	1	
For installation, reverse the removal procedure.			

REMOVING THE CLUTCH

1. Remove:

- rear balancer weight
- Refer to "BALANCERS".

2. 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.

3. Straighten the lock washer tab.

4. Loosen:

- clutch boss nut ②

NOTE:
While holding the clutch boss ② with the universal clutch holder ③, loosen the clutch boss nut.

Universal clutch holder
90690-04086

5. Remove:

- clutch boss nut ②
- lock washer ④
- clutch boss assembly ⑤

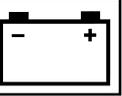
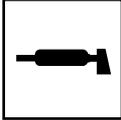
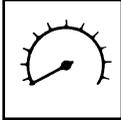
NOTE:
There is a built-in damper between the clutch boss and the clutch plate. It is not necessary to remove the wire circlip ⑥ and disassemble the built-in damper unless there is serious clutch chattering.

③

⑧

5 - 45

5 - 48

① GEN INFO 	② SPEC 	
③ INSP ADJ 	④ ENG 	
⑤ CARB 	⑥ CHAS 	
⑦ ELEC 	⑧ TRBL SHTG ?	
⑨ 	⑩ 	
⑪ 	⑫ 	
⑬ 	⑭ 	
⑮ 	⑯ 	
⑰ 	⑱ 	⑲ 
⑳ 	㉑ 	㉒ 
㉓ 	㉔ New	

ILLUSTRATED SYMBOLS

The following symbols are not relevant to every vehicle.

Illustrated symbols ① to ⑧ are printed on the top right of each page and indicate the subject of each chapter.

- ① General information
- ② Specifications
- ③ Periodic inspections and adjustments
- ④ Engine
- ⑤ Carburetion
- ⑥ Chassis
- ⑦ Electrical
- ⑧ Troubleshooting

Illustrated symbols ⑨ to ⑯ are used to identify the specifications appearing in the text.

- ⑨ Can be serviced with engine mounted
- ⑩ Filling fluid
- ⑪ Lubricant
- ⑫ Special tool
- ⑬ Torque
- ⑭ Wear limit, clearance
- ⑮ Engine speed
- ⑯ Electrical data

Illustrated symbols ⑰ to ㉒ in the exploded diagrams indicate the types of lubricants and lubrication points.

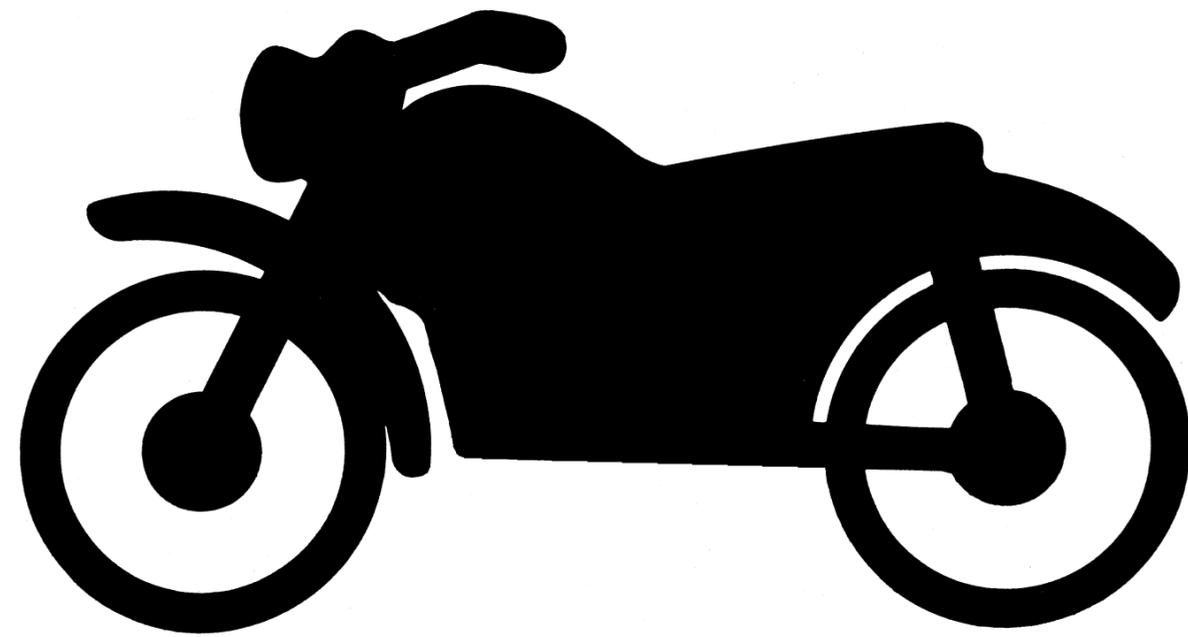
- ⑰ Apply engine oil
- ⑱ Apply gear oil
- ⑲ Apply molybdenum disulfide oil
- ⑳ Apply wheel bearing grease
- ㉑ Apply lightweight lithium-soap base grease
- ㉒ Apply molybdenum disulfide grease

Illustrated symbols ㉓ to ㉔ in the exploded diagrams indicate the following:

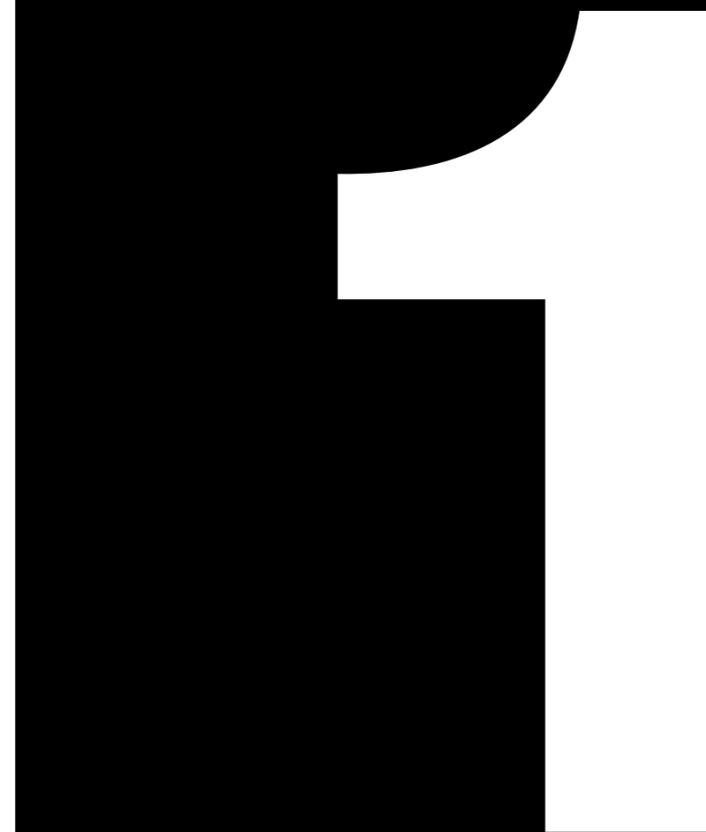
- ㉓ Apply locking agent (LOCTITE®)
- ㉔ Replace the part

TABLE OF CONTENTS

GENERAL INFORMATION	
	GEN INFO 1
SPECIFICATIONS	
	SPEC 2
PERIODIC INSPECTION AND ADJUSTMENTS	
	INSP ADJ 3
ENGINE	
	ENG 4
CARBURETION	
	CARB 5
CHASSIS	
	CHAS 6
ELECTRICAL	
	ELEC 7
TROUBLESHOOTING	?
	TRBL SHTG 8



**GEN
INFO**



CHAPTER 1. GENERAL INFORMATION

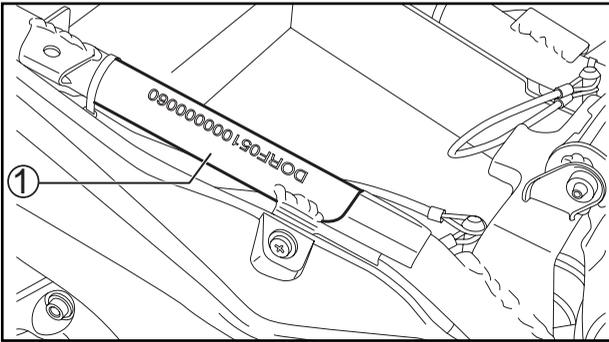
MOTORCYCLE IDENTIFICATION	1-1
VEHICLE IDENTIFICATION NUMBER.....	1-1
MODEL LABEL	1-1
IMPORTANT INFORMATION	1-2
PREPARATION FOR REMOVAL PROCEDURES	1-2
REPLACEMENT PARTS	1-2
GASKETS, OIL SEALS AND O-RINGS	1-2
LOCK WASHERS/PLATES AND COTTER PINS	1-3
BEARINGS AND OIL SEALS	1-3
CIRCLIPS	1-3
CHECKING OF CONNECTIONS	1-4
SPECIAL TOOLS	1-5

EB100010

GENERAL INFORMATION

MOTORCYCLE IDENTIFICATION VEHICLE IDENTIFICATION NUMBER

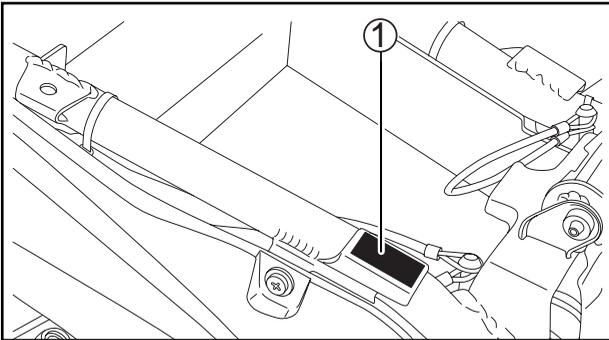
The vehicle identification number ① is stamped into the frame under the seat.

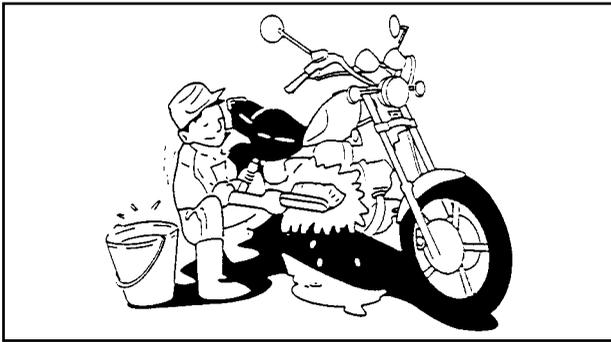


MODEL LABEL

The model label ① is affixed to the frame under the seat.

This information will be needed to order spare parts.



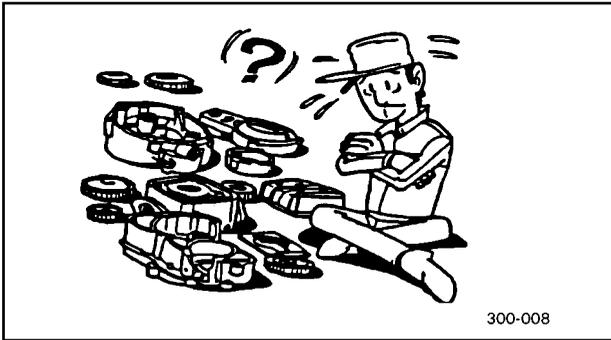


EB101000

IMPORTANT INFORMATION

PREPARATION FOR REMOVAL PROCEDURES

1. Remove all dirt, mud, dust and foreign material before removal and disassembly.
2. Use proper tools and cleaning equipment. Refer to the "SPECIAL TOOLS" section.
3. When disassembling the machine, always keep mated parts together. This includes gears, cylinders, pistons and other parts that have been "mated" through normal wear. Mated parts must always be reused or replaced as an assembly.
4. During machine disassembly, clean all parts and place them in trays in the order of disassembly. This will speed up assembly and allow for the correct installation of all parts.
5. Keep all parts away from any source of fire.



300-008



EB101010

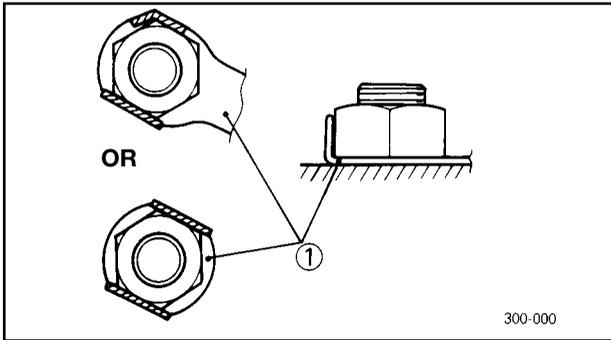
REPLACEMENT PARTS

1. Use only genuine Yamaha parts for all replacements. Use oil and grease recommended by Yamaha for all lubrication jobs. Other brands may be similar in function and appearance, but inferior in quality.

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GASKETS, OIL SEALS AND O-RINGS

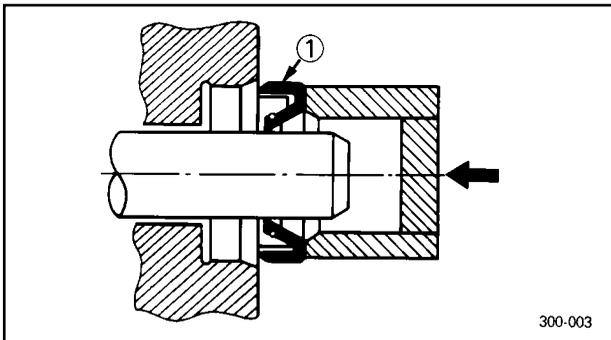
1. Replace all gaskets, seals and O-rings when overhauling the engine. All gasket surfaces, oil seal lips and O-rings must be cleaned.
2. Properly oil all mating parts and bearings during reassembly. Apply grease to the oil seal lips.



EB101030

LOCK WASHERS/PLATES AND COTTER PINS

1. Replace all lock washers/plates ① and cotter pins after removal. Bend lock tabs along the bolt or nut flats after the bolt or nut has been tightened to specification.



EB101040

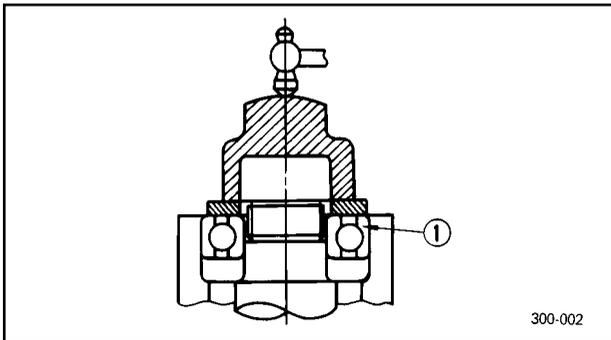
BEARINGS AND OIL SEALS

1. Install bearings and oil seals so that the manufacturer's marks or numbers are visible. When installing oil seals, apply a light coating of lightweight lithium base grease to the seal lips. Oil bearings liberally when installing, if appropriate.

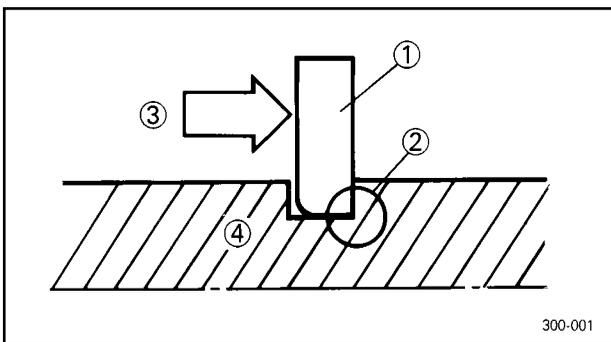
① Oil seal

CAUTION:

Do not use compressed air to spin the bearings dry. This will damage the bearing surfaces.



① Bearing

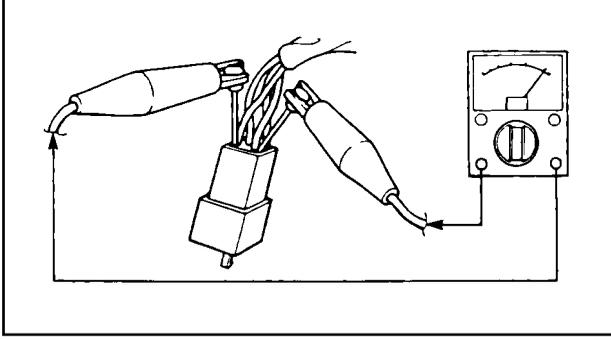
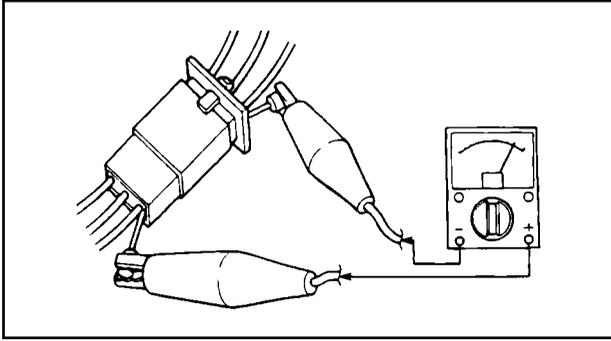
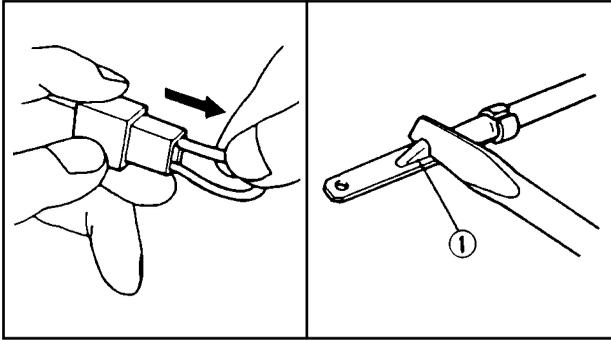
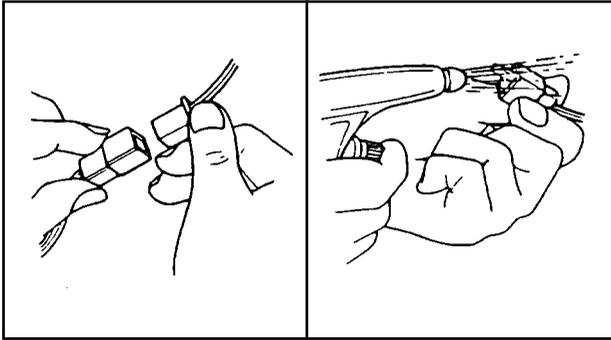


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CIRCLIPS

1. Check all circlips carefully before reassembly. Always replace piston pin clips after one use. Replace distorted circlips. When installing a circlip ①, make sure that the sharp-edged corner ② is positioned opposite the thrust ③ it receives. See sectional view.

④ Shaft



EB801000

CHECKING OF CONNECTIONS

Check the connectors for stains, rust, moisture, etc.

1. Disconnect:
 - connector
2. Check:
 - connector
 - Moisture → Dry each terminal with an air blower.
 - Stains/rust → Connect and disconnect the terminals several times.
3. Check:
 - connector leads
 - Looseness → Bend up the pin ① and connect the terminals.

4. Connect:
 - connector terminals

NOTE: _____
The two terminals “click” together.

5. Check:
 - continuity (using a pocket tester)

NOTE: _____

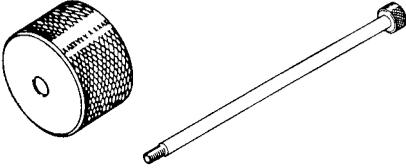
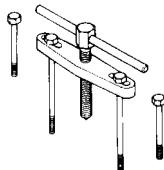
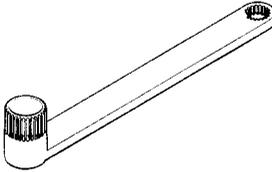
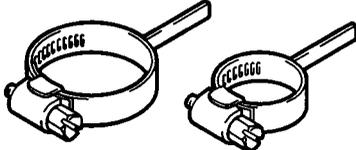
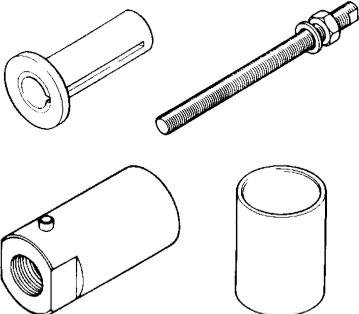
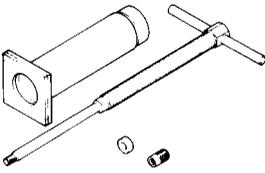
- If there is no continuity, clean the terminals.
- When checking the wire harness be sure to perform steps 1 to 3.
- As a quick remedy, use a contact revitalizer available at most part stores.
- Check the connector with a pocket tester as shown.

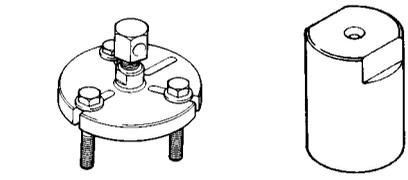
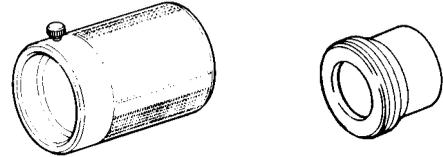
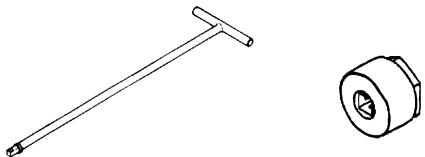
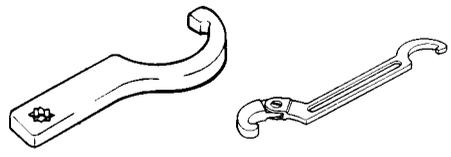
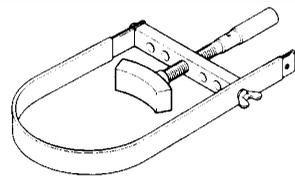
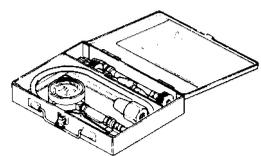
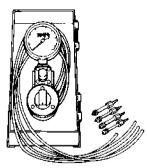
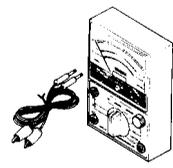
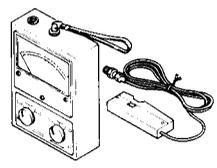
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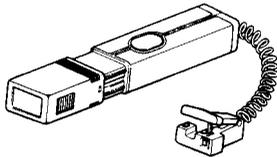
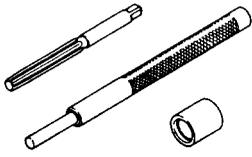
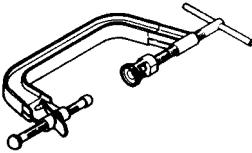
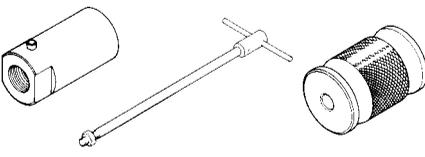
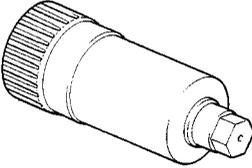
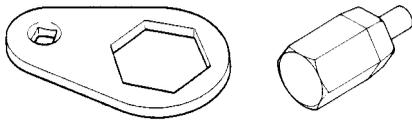
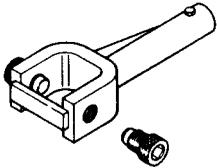
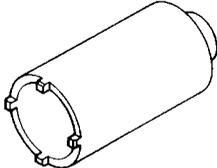
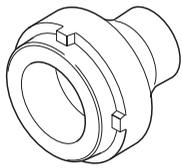
SPECIAL TOOLS

The following special tools are necessary for complete and accurate tune-up and assembly. Use only the appropriate special tools; this will help prevent damage caused by the use of inappropriate tools or improvised techniques. Special tools may differ by shape and part number from country to country. In such a case, two types are provided.

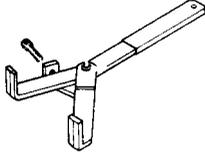
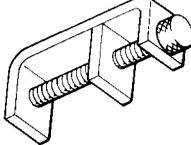
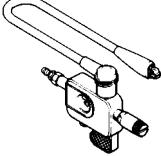
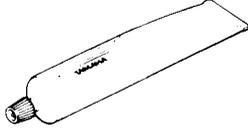
When placing an order, refer to the list provided below to avoid any mistakes.

Tool No.	Tool name/How to use	Illustration
Weight 90890-01084 Bolt 90890-01085	Slide hammer bolt/weight These tools are used to remove the rocker arm shaft.	
90890-01135	Crankcase separating tool This tool is used to remove the crankshaft.	
90890-01229	Coupling gear/middle shaft tool This tool is needed when removing or installing the final pinion shaft nut.	
Final gear backlash band 90890-01230 Middle gear backlash band 90890-01231	Final gear backlash band This tool is needed when measuring final gear/middle gear backlash.	
Installer pot 90890-01274 Bolt 90890-01275 Adapter 90890-04130 Spacer 90890-04060	Crankshaft installer pot/bolt/adaptor/spacer These tools are used to install the crankshaft.	
90890-01304	Piston pin puller This tool is used to remove the piston pin.	
90890-01312	Fuel level gauge This gauge is used to measure the fuel level in the float chamber.	

Tool No.	Tool name/How to use	Illustration
Puller 90890-01362 Adapter 90890-04131	Flywheel puller/adapter These tools are needed to remove the rotor.	
Weight 90890-01367 Adapter 90890-01374	Fork seal driver weight/adapter (Ø 43 mm) These tools are needed when installing the slide metal, oil seal and dust seal into the fork.	
T-handle 90890-01326 Holder 90890-01327	T-handle/front fork damper rod holder These tools are needed to loosen and tighten the front fork damper rod holding bolt.	
Ring nut wrench 90890-01403 Exhaust nut wrench 90890-01268	Ring nut wrench/exhaust and steering nut wrench This tool is needed to loosen and tighten the steering stem ring nut.	
90890-01701	Sheave holder This tool is needed to hold the rotor when removing or installing the rotor bolt.	
90890-03081	Compression gauge set These tools are needed to measure engine compression.	
90890-03094	Vacuum gauge This gauge is needed for carburetor synchronization.	
90890-03112	Pocket tester This instrument is needed for checking the electrical system.	
90890-03113	Engine tachometer This tool is needed for observing engine r/min.	

Tool No.	Tool name/How to use	Illustration
90890-03141	Timing light This tool is necessary for checking ignition timing.	
90890-04014	Valve guide remover & installer This tool is needed to remove and install the valve guide.	
90890-04019	Valve spring compressor This tool is needed to remove and install the valve assemblies.	
Adapter 90890-01277 Shock puller 90890-01290 Weight 90890-01291	Crankshaft installer bolt adapter/armature shock puller/weight These tools are needed when removing the final pinion shaft.	
90890-04137	Bearing retainer wrench This tool is needed when removing or installing the middle drive shaft assembly.	
Wrench 90890-04138 Holder 90890-04055	Middle drive shaft nut wrench/Middle drive shaft holder These tools are needed when removing or installing the middle drive shaft bearing.	
90890-04062	Universal joint holder This tool is needed when removing or installing the driven pinion gear nut.	
90890-04077	Bearing retainer wrench This tool is needed when removing or installing the final drive pinion gear assembly.	
90890-04050	Bearing retainer wrench This tool is needed when removing or installing the final shaft drive bearing retainer.	



Tool No.	Tool name/How to use	Illustration
90890-04086	Clutch holding tool This tool is needed to hold the clutch when removing or installing the clutch boss nut.	
90890-04090	Damper spring compressor This tool is needed when removing or installing the damper spring.	
90890-06754	Dynamic spark tester Ignition checker This instrument is necessary for checking the ignition system components.	
90890-85505	Yamaha bond No.1215 This sealant (bond) is used on crankcase mating surfaces, etc.	



SPEC

2

CHAPTER 2. SPECIFICATIONS

GENERAL SPECIFICATIONS	2-1
MAINTENANCE SPECIFICATIONS	2-4
ENGINE	2-4
CHASSIS	2-14
ELECTRICAL	2-18
GENERAL TORQUE SPECIFICATIONS.....	2-20
CONVERSION TABLE.....	2-20
LUBRICATION POINTS AND LUBRICANT TYPES.....	2-21
ENGINE	2-21
CHASSIS	2-22
LUBRICATION DIAGRAMS	2-23
CABLE ROUTING	2-26



SPECIFICATIONS

GENERAL SPECIFICATIONS

Item	Standard
Model code:	BT1100: 5JN1
Dimensions: Overall length Overall width Overall height Seat height Wheelbase Minimum ground clearance Minimum turning radius	2,200 mm 800 mm 1,140 mm 812 mm 1,530 mm 168 mm 2,980 mm
Basic weight: With oil and a full fuel tank	250.5 kg
Engine: Engine type Cylinder arrangement Displacement Bore × stroke Compression ratio Compression pressure (STD) Starting system	Air cooled 4-stroke, SOHC V-type 2-cylinder 1.063 L 95 × 75 mm 8.3 : 1 1,000 kPa (10 kg/cm ² , 10 bar) at 400 r/min Electric starter
Lubrication system:	Wet sump
Oil type or grade: Engine oil 	API standard: API Service SE, SF, SG or higher SAE 20W40SE or SAE 10W30SE ACEA standard: G4 or G5
Final gear oil:	SAE80 API "GL-4" Hypoid Gear Oil or multigrade hypoid gear oil SAE 80W-90
Oil quantity: Engine oil Periodic oil change With oil filter replacement Total amount Final gear case oil Total amount	3.0 L 3.1 L 3.6 L 0.2 L
Air filter:	Dry type element
Fuel: Type Fuel tank capacity Fuel reserve amount	Regular unleaded gasoline 20 L 5.8 L

GENERAL SPECIFICATIONS

SPEC



Item	Standard
Carburetor: Type/quantity Manufacturer	BSR37/2 MIKUNI
Spark plug: Type Manufacturer Spark plug gap	BPR7ES/W22EPR-U NGK/DENSO 0.7 ~ 0.8 mm
Clutch type:	Wet, multiple-disc
Transmission: Primary reduction system Primary reduction ratio Secondary reduction system Secondary reduction ratio Transmission type Operation Gear ratio	Spur gear 78/47 (1.660) Shaft drive 44/47 × 19/18 × 32/11 (2.875) Constant mesh 5-speed Left foot operation 40/17 (2.353) 40/24 (1.667) 36/28 (1.286) 32/31 (1.032) 29/34 (0.853)
Chassis: Frame type Caster angle Trail	Twin tube Backbone 25° 106 mm
Tire: Type Size Manufacturer Type	Tubeless 120/70-ZR17 (58W) 170/60-ZR17 (72W) DUNLOP / METZELER DUNLOP / METZELER D205F TL / MEZ3F TL D205 TL / MEZ3 TL
Maximum load-except motorcycle:	200 kg
Tire pressure (cold tire): 0 ~ 90 kg load * 90 kg (198 lb) ~ Maximum load *	front rear front rear front rear front rear 230 kPa (2.30 kg/cm ²) (2.30 bar) 250 kPa (2.50 kg/cm ²) (2.50 bar) 250 kPa (2.50 kg/cm ²) (2.50 bar) 270 kPa (2.70 kg/cm ²) (2.70 bar) * Load is the total weight of the cargo, rider, passenger and accessories.
Brake: Front brake Rear brake	type operation type operation Dual disc brake Right hand operation Single disc brake Right foot operation

GENERAL SPECIFICATIONS

SPEC

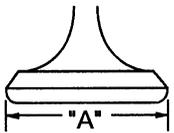
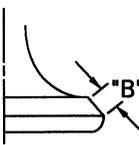
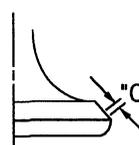
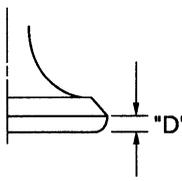


Item	Standard
Suspension: Front suspension Rear suspension	Telescopic fork Swingarm (link suspension)
Shock absorber: Front shock absorber Rear shock absorber	Coil spring/Oil damper Coil spring/Gas-oil damper/Spring preload adjustable
Wheel travel: Front wheel travel Rear wheel travel	130 mm 113 mm
Electrical system: Ignition system Generator system Battery type Battery capacity	T.C.I. (digital) A.C. magneto GT14B-4 12V 12Ah
Headlight type:	Quartz bulb (halogen)
Bulb wattage × quantity: Headlight Auxiliary light Tail/brake light Turn signal Licence light Meter light Neutral indicator light High beam indicator light Turn indicator light Oil level warning light Fuel level warning light	12 V 60 W/55 W × 1 12 V 5 W × 1 12 V 5 W/21 W × 1 12 V 10 W × 4 12 V 5 W × 1 14 V 1.2 W × 4 LED × 1 LED × 1 LED × 1 LED × 1 LED × 1

MAINTENANCE SPECIFICATIONS

SPEC

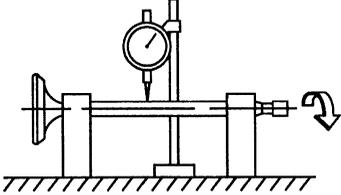
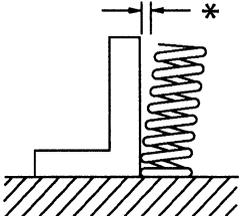
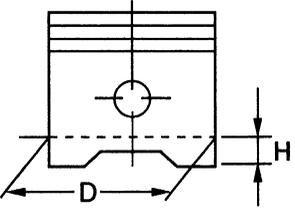


Item	Standard	Limit	
Timing chain: Timing chain type/No. of links Timing chain adjustment method	SILENT CHAIN/98L Automatic	••• •••	
Rocker arm/rocker arm shaft: Bearing inside diameter Shaft outside diameter Arm-to-shaft clearance	14.000 mm ~ 14.018 mm 13.985 mm ~ 13.991 mm 0.009 mm ~ 0.033 mm	14.036 mm 13.95 mm 0.086 mm	
Valve, valve seat, valve guide: Valve clearance (cold)	IN 0.07 ~ 0.12 mm EX 0.12 ~ 0.17 mm	••• •••	
Valve dimensions:			
			
Head Diameter	Face Width	Seat Width	Margin Thickness
"A" head diameter	IN 47.0 ~ 47.2 mm EX 39.0 ~ 39.2 mm		••• •••
"B" face width	IN 2.1 mm EX 2.1 mm		••• •••
"C" seat width	IN 1.2 ~ 1.4 mm EX 1.2 ~ 1.4 mm		1.8 mm 1.8 mm
"D" margin thickness	IN 1.1 ~ 1.5 mm EX 1.1 ~ 1.5 mm		0.8 mm 0.8 mm
Stem outside diameter	IN 7.975 ~ 7.990 mm EX 7.960 ~ 7.975 mm		••• •••
Guide inside diameter	IN 8.000 ~ 8.012 mm EX 8.000 ~ 8.012 mm		••• •••
Stem-to-guide clearance	IN 0.010 ~ 0.037 mm EX 0.025 ~ 0.052 mm		0.08 mm 0.10 mm

MAINTENANCE SPECIFICATIONS

SPEC

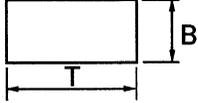
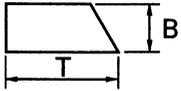
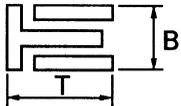
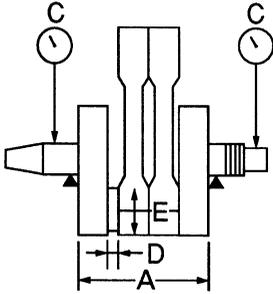


Item	Standard	Limit
<p>Stem runout limit</p>  <p>Valve seat width</p>	<p>...</p> <p>IN 1.2 ~ 1.4 mm EX 1.2 ~ 1.4 mm</p>	<p>0.03 mm</p> <p>2.0 mm 2.0 mm</p>
<p>Valve spring:</p> <p>Free length</p> <p>Set length (valve closed)</p> <p>Compressed pressure (installed)</p> <p>Tilt limit *</p>  <p>Direction of winding (top view)</p>	<p>IN 44.6 mm EX 44.6 mm</p> <p>IN 40 mm EX 40 mm</p> <p>IN 160.7 N (16.4 kg) EX 160.7 N (16.4 kg)</p> <p>IN ... EX ...</p> <p>IN ... EX ...</p> <p>IN Clockwise EX Clockwise</p>	<p>43.5 mm 43.5 mm</p> <p>...</p> <p>2.5°/1.9 mm 2.5°/1.9 mm</p> <p>... ...</p>
<p>Piston:</p> <p>Piston to cylinder clearance</p> <p>Piston size "D"</p>  <p>Measuring point "H"</p> <p>Piston off-set</p>	<p>0.025 ~ 0.050 mm</p> <p>94.960 ~ 94.975 mm</p> <p>5 mm</p> <p>0 mm</p>	<p>0.15 mm</p> <p>...</p> <p>... ...</p>

MAINTENANCE SPECIFICATIONS

SPEC



Item	Standard	Limit
Piston pin bore inside diameter Piston pin outside diameter	22.004 ~ 22.015 mm 21.991 ~ 22.000 mm	22.045 21.975
Piston rings: Top ring:  Type Dimensions (B x T) End gap (installed) Side clearance (installed)	Plain 1.5 × 3.8 mm 0.3 ~ 0.5 mm 0.04 ~ 0.08 mm 0.8 mm 0.1 mm
2 nd ring:  Type Dimensions (B x T) End gap (installed) Side clearance	Taper 1.2 × 3.8 mm 0.30 ~ 0.45 mm 0.03 ~ 0.07 mm 0.8 mm 0.1 mm
Oil ring:  Dimensions (B x T) End gap (installed)	2.5 × 3.4 mm 0.2 ~ 0.7 mm
Connecting rod: Oil clearance Color code (corresponding size)	0.044 ~ 0.073 mm ① Blue ② Black ③ Brown ④ Green ⑤ Yellow
Crankshaft:  Crank width "A" Runout limit "C" Big end side clearance "D"	101.95 ~ 102.00 mm ... 0.320 ~ 0.474 mm	... 0.02 mm ...

MAINTENANCE SPECIFICATIONS

SPEC



Item	Standard	Limit
Clutch:		
Friction plate thickness	2.9 ~ 3.1 mm	2.8 mm
Quantity	8	•••
Clutch plate thickness	2.5 ~ 2.7 mm	0.1 mm
Quantity	1	•••
Clutch plate thickness	1.9 ~ 2.1 mm	0.1 mm
Quantity	7	•••
Clutch spring free length	7.2 mm	6.5 mm
Quantity	1	•••
Clutch housing thrust clearance	0.05 ~ 0.40 mm	•••
Clutch housing radial clearance	0.010 ~ 0.044 mm	•••
Clutch release method	Inner push, screw push	•••
Push rod bending limit	•••	0.5 mm
Transmission:		
Main axle deflection limit	•••	0.08 mm
Drive axle deflection limit	•••	0.08 mm
Shifter:		
Shifter type	Guide bar	•••
Carburetor:		
I. D. mark	5JN1 00	•••
Main jet (M.J)	#125	•••
Main air jet (M.A.J)	#55	•••
Jet needle (J.N)	#5DL39-53-3	•••
Needle jet (N.J)	P-0M (826)	•••
Pilot air jet (P.A.J.1)	#63.8	•••
(P.A.J.2)	#142.5	•••
Pilot outlet (P.O)	1.0	•••
Pilot jet (P.J)	#17.5	•••
Bypass 1 (B.P.1)	0.8	•••
Bypass 2 (B.P.2)	0.8	•••
Bypass 3 (B.P.3)	0.8	•••
Pilot screw (P.S)	3.0	•••
Valve seat size (V.S)	1.2	•••
Starter jet (G.S.1)	#42.5	•••
Starter jet (G.S.2)	0,9	•••
Throttle valve size (TH.V)	#125	•••
Fuel level (F.L)	4 ~ 5 mm	•••
Float height (F.H)	11 ~ 12 mm	•••
Engine idle speed	950 ~ 1,050 r/min	•••
Intake vacuum	32.2 ~ 33.6 kPa (242 ~ 252 mmHg)	•••
Engine oil temperature	75 ~ 85 °C	•••
Fuel pump:		
Type	Electrical type	
Model/manufacture	UC-Z6M/MITSUBISHI	•••
Consumption amperage <max>	0.8 A	•••
Output pressure	12 kPa (0.12 kf/cm ²)	•••