



YAMAHA

2009

SERVICE MANUAL

YFM5FGY
YFM5FGPY
YFM7FGY
YFM7FGPY

GRIZZLY

550 FI

GRIZZLY

700 FI

Product: 2009 Yamaha YFM5FGY/YFM5FGPY/YFM7FGY/YFM7FGPY ATV Service Repair Workshop Manual

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EAS20050

**YFM5FGY/YFM5FGPY/YFM7FGY/YFM7FGPY
SERVICE MANUAL**

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IMPORTANT

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. 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.

This model has been designed and manufactured to perform within certain specifications in regard to performance and emissions. Proper service with the correct tools is necessary to ensure that the vehicle will operate as designed. If there is any question about a service procedure, it is imperative that you contact a Yamaha dealer for any service information changes that apply to this model. This policy is intended to provide the customer with the most satisfaction from his vehicle and to conform to federal environmental quality objectives.

Yamaha Motor Company, Ltd. 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.

TIP

- This Service Manual contains information regarding periodic maintenance to the emission control system. Please read this material carefully.
- Designs and specifications are subject to change without notice.

IMPORTANT MANUAL INFORMATION

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

	<p>This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.</p>
	<p>A WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.</p>
	<p>A NOTICE indicates special precautions that must be taken to avoid damage to the vehicle or other property.</p>
<p>TIP</p>	<p>A TIP provides key information to make procedures easier or clearer.</p>

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.

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

1
↓
CYLINDER AND PISTON

CYLINDER AND PISTON

Removing the cylinder and piston

1st 15 Nm (1.5 m · kg, 11 ft · lb)
2nd 50 Nm (5.0 m · kg, 36 ft · lb)

10 Nm (1.0 m · kg, 7.2 ft · lb)

3 New

5 New

5 New

Order	Job/Parts to remove	Q'ty	Remarks
	Cylinder head		Refer to "CYLINDER HEAD" on page 5-10.
	Water jacket joint		Refer to "WATER PUMP" on page 6-7.
1	Timing chain guide (exhaust side)	1	
2	Cylinder	1	
3	Cylinder gasket	1	
4	Dowel pin	2	
5	Piston pin clip	2	
6	Piston pin	1	
7	Piston	1	
8	Top ring	1	
9	2nd ring	1	
10	Oil ring	1	

For installation, reverse the removal procedure.

5-28

CYLINDER AND PISTON

REMOVING THE PISTON

1. Remove:

- Piston pin clips "1"
- Piston pin "2"
- Piston "3"

NOTICE

Do not use a hammer to drive the piston pin out.

TIP

- Before removing the piston pin clips, cover the crankcase opening with a clean rag to prevent the piston pin clips from falling into the crankcase.
- Before removing the piston pin, deburr the piston pin clip grooves and the piston pin bore area. If both areas are deburred and the piston pin is still difficult to remove, remove it with the piston pin puller set "4".

Piston pin puller set
90890-01304
Piston pin puller
YU-01304

2. Remove:

- Top ring
- 2nd ring
- Oil ring

TIP

When removing a piston ring, open the end gap with your fingers and lift the other side of the ring over the piston crown.

CHECKING THE CYLINDER AND PISTON

1. Check:

- Cylinder wall
- Cylinder wall

Vertical scratches → Replace the cylinder, and replace the piston and piston rings as a set.

2. Measure:

- Piston-to-cylinder clearance

3. Measure cylinder bore "C" with the cylinder bore gauge.

TIP

Measure cylinder bore "C" by taking side-to-side and front-to-back measurements of the cylinder. Then, find the average of the measurements.

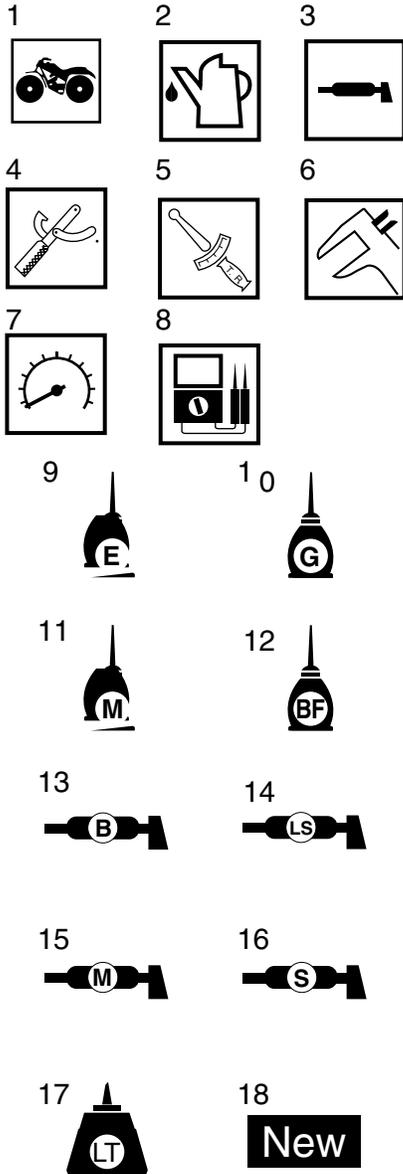
5-29

SYMBOLS

The following symbols are used in this manual for easier understanding.

TIP

The following symbols are not relevant to every vehicle.



1. Serviceable with engine mounted
2. Filling fluid
3. Lubricant
4. Special tool
5. Tightening torque
6. Wear limit, clearance
7. Engine speed
8. Electrical data
9. Engine oil
10. Gear oil
11. Molybdenum disulfide oil
12. Brake fluid
13. Wheel bearing grease
14. Lithium-soap-based grease
15. Molybdenum disulfide grease
16. Silicone grease
17. Apply locking agent (LOCTITE®).
18. Replace the part with a new one.



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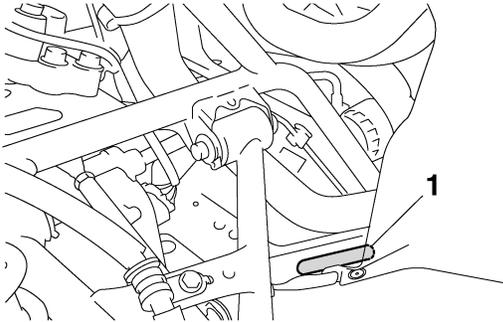
EAS20130

IDENTIFICATION

EAS20140

VEHICLE IDENTIFICATION NUMBER

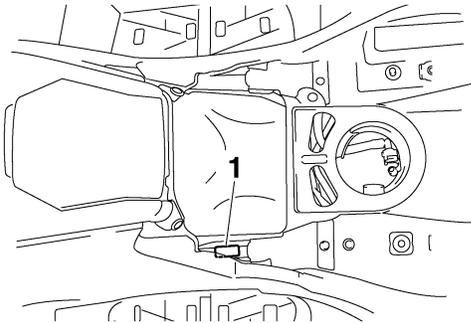
The vehicle identification number "1" is stamped into the front left side of the frame.



EAS20150

MODEL LABEL

The model label "1" is affixed to the location shown in the illustration. This information will be needed to order spare parts.



EAS20170

FEATURES

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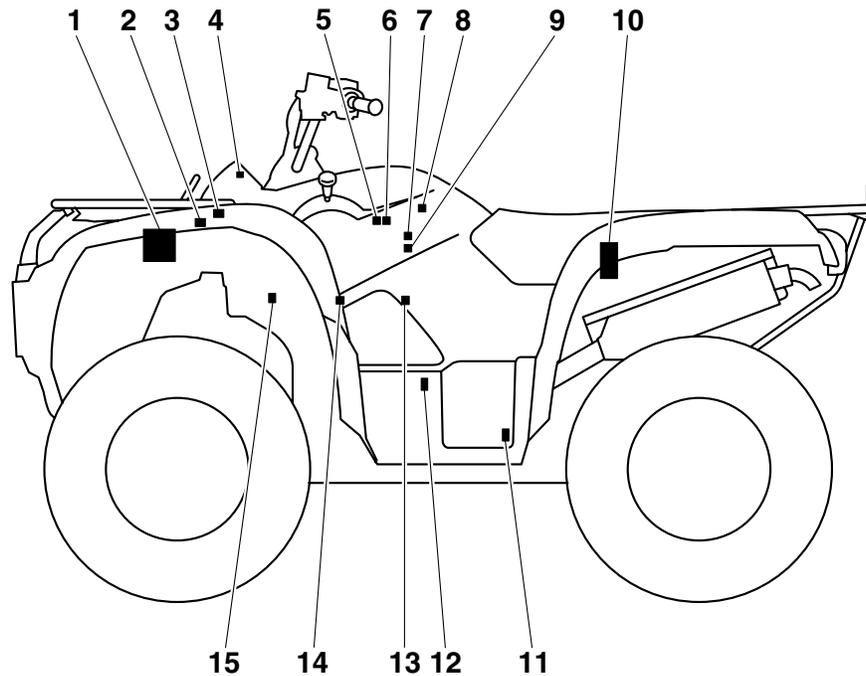
OUTLINE OF THE FI SYSTEM

The main function of a fuel supply system is to provide fuel to the combustion chamber at the optimum air-fuel ratio in accordance with the engine operating conditions and the atmospheric temperature. In the conventional carburetor system, the air-fuel ratio of the mixture that is supplied to the combustion chamber is created by the volume of the intake air and the fuel that is metered by the jet used in the respective carburetor.

Despite the same volume of intake air, the fuel volume requirement varies with the engine operating conditions, such as acceleration, deceleration, or operating under a heavy load. Carburetors that meter the fuel through the use of jets have been provided with various auxiliary devices, so that an optimum air-fuel ratio can be achieved to accommodate the constant changes in the operating conditions of the engine.

As the requirements for the engine to deliver more performance and cleaner exhaust gases increase, it becomes necessary to control the air-fuel ratio in a more precise and finely tuned manner. To accommodate this need, this model has adopted an electronically controlled fuel injection (FI) system, in place of the conventional carburetor system. This system can achieve an optimum air-fuel ratio required by the engine at all times by using a microprocessor that regulates the fuel injection volume according to the engine operating conditions detected by various sensors.

The adoption of the FI system has resulted in a highly precise fuel supply, improved engine response, better fuel economy, and reduced exhaust emissions.



- | | |
|-----------------------------------|--------------------------------|
| 1. ECU (engine control unit) | 9. Fuel injector |
| 2. Lean angle sensor | 10. Fuel pump |
| 3. Fuel injection system relay | 11. Speed sensor |
| 4. Engine trouble warning light | 12. Crankshaft position sensor |
| 5. ISC (idle speed control) unit | 13. Coolant temperature sensor |
| 6. Intake air pressure sensor | 14. Spark plug |
| 7. TPS (throttle position sensor) | 15. Ignition coil |
| 8. Intake air temperature sensor | |

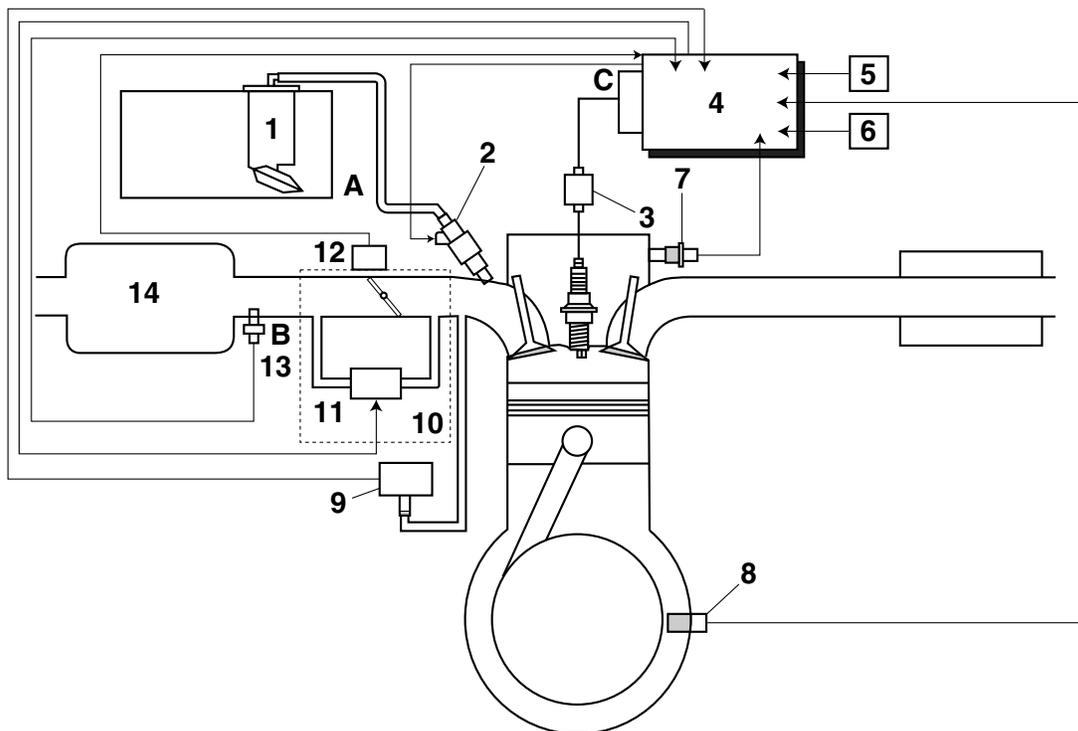
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FI SYSTEM

The fuel pump delivers fuel to the fuel injector via the fuel filter. The pressure regulator maintains the fuel pressure that is applied to the fuel injector at only 324 kPa (3.24 kgf/cm², 46.1 psi). Accordingly, when the energizing signal from the ECU energizes the fuel injector, the fuel passage opens, causing the fuel to be injected into the intake manifold only during the time the passage remains open. Therefore, the longer the length of time the fuel injector is energized (injection duration), the greater the volume of fuel that is supplied. Conversely, the shorter the length of time the fuel injector is energized (injection duration), the lesser the volume of fuel that is supplied.

The injection duration and the injection timing are controlled by the ECU. Signals that are input from the throttle position sensor, crankshaft position sensor, intake air pressure sensor, intake air temperature sensor, coolant temperature sensor, lean angle sensor and speed sensor enable the ECU to determine the injection duration. The injection timing is determined through the signals from the crankshaft position sensor. As a result, the volume of fuel that is required by the engine can be supplied at all times in accordance with the driving conditions.

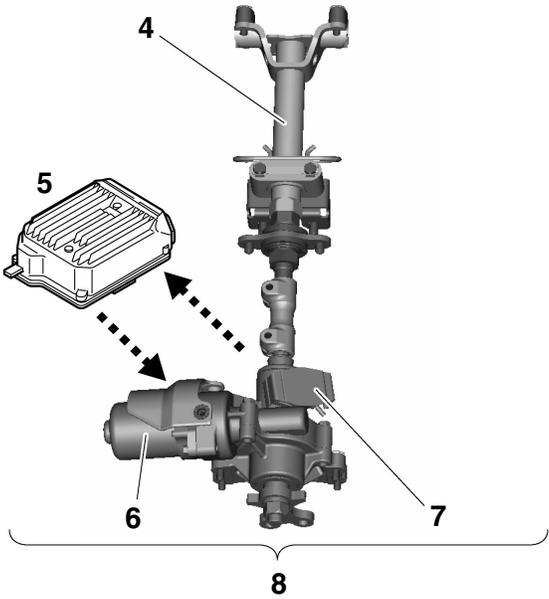
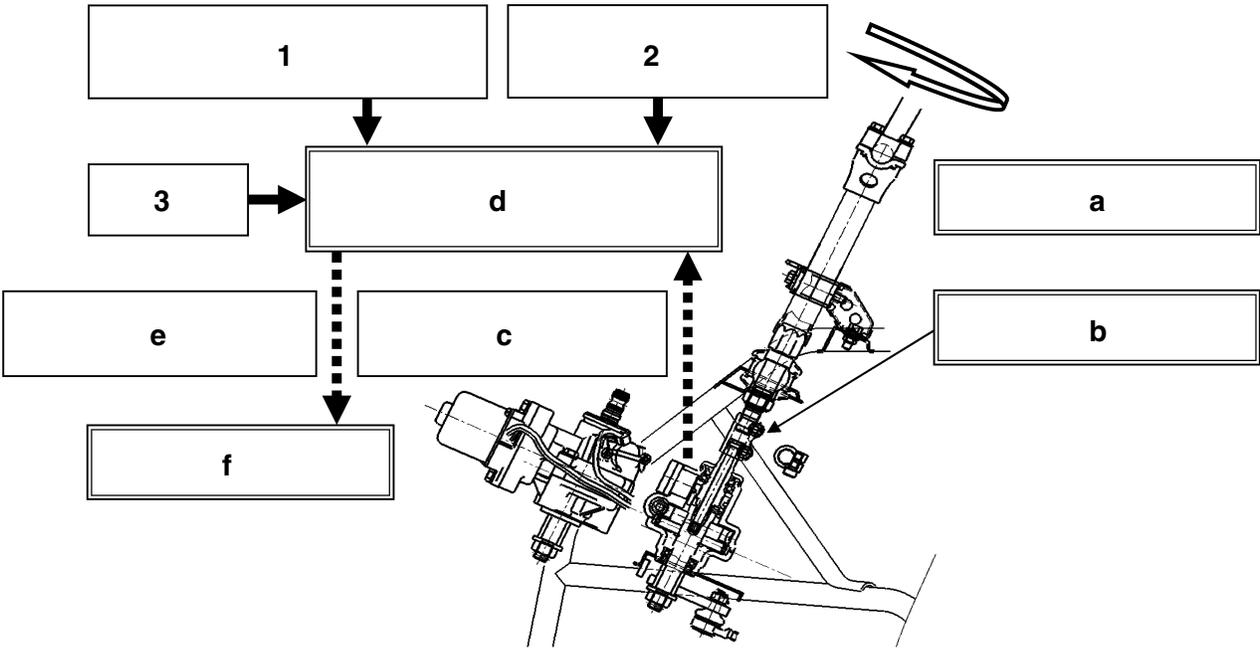
Illustration is for reference only.



- | | |
|-----------------------------------|-----------------------------------|
| 1. Fuel pump | 13. Intake air temperature sensor |
| 2. Fuel injector | 14. Air filter case |
| 3. Ignition coil | A. Fuel system |
| 4. ECU (engine control unit) | B. Air system |
| 5. Speed sensor | C. Control system |
| 6. Lean angle sensor | |
| 7. Coolant temperature sensor | |
| 8. Crankshaft position sensor | |
| 9. Intake air pressure sensor | |
| 10. Throttle body | |
| 11. ISC (idle speed control) unit | |
| 12. Throttle position sensor | |

EAS28P1033

OUTLINE OF THE EPS (ELECTRIC POWER STEERING) SYSTEM (YFM5FGP/YFM7FGP only)



1. Speed information from speed sensor
2. Engine starting RPM information from ECU
3. Battery
4. Steering stem
5. EPS control unit
6. EPS motor
7. Torque sensor
8. EPS unit
 - a. Operates steering
 - b. Twists torsion bar
 - c. Sends the torque sensor signal
 - d. EPS control unit calculates assist power
 - e. Electricity output switched by EPS control unit
 - f. Activates EPS motor

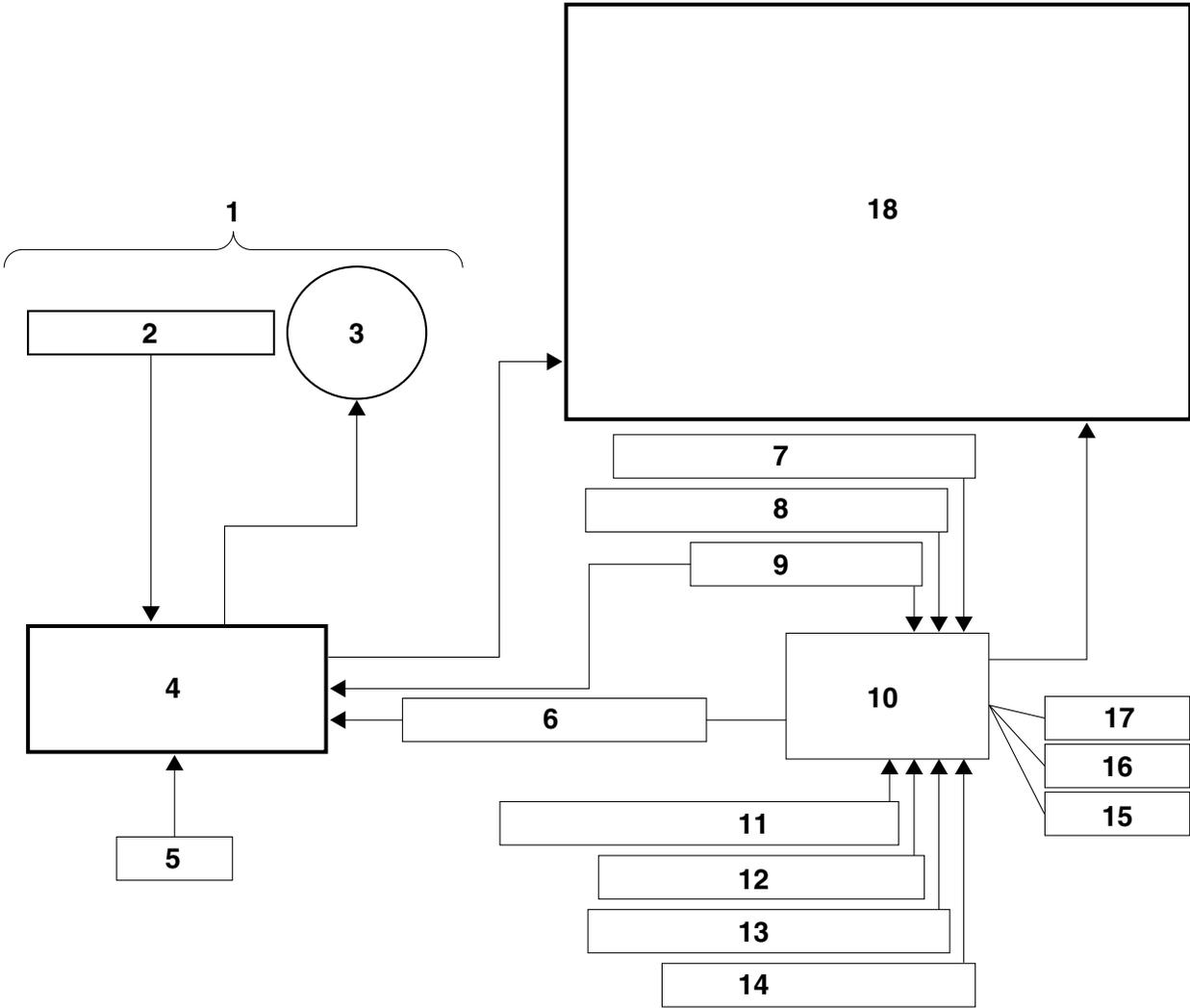
ECA28P1027

NOTICE

To prevent accidental damage to the EPS unit, it must not be disassembled.

EAS28P1034

EPS (ELECTRIC POWER STEERING) SYSTEM BLOCK DIAGRAM (YFM5FGP/YFM7FGP only)

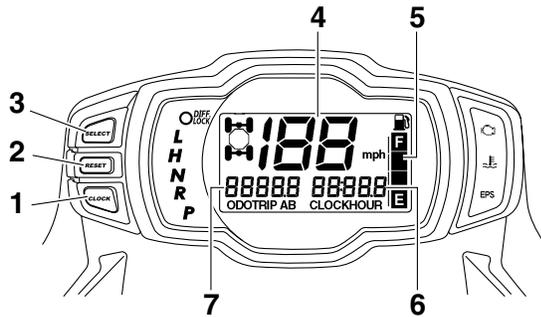


1. EPS unit
2. Torque sensor
3. EPS motor
4. EPS control unit
5. Battery
6. Engine rpm signal
7. Coolant temperature sensor signal
8. Crankshaft position sensor signal
9. Speed sensor signal
10. ECU (engine control unit)
11. Intake air temperature sensor signal
12. Throttle position sensor signal
13. Intake air pressure sensor signal
14. Lean angle sensor signal
15. Ignition coil
16. Fuel pump
17. Fuel injector
18. Meter assembly
 - Multifunction display:
Speedometer/Odometer/Tripmeter A/Trip meter B/Clock/Fuel meter/Gear position
 - Indicator and warning lights: EPS warning/Engine trouble warning/Coolant temperature warning/Reverse indicator/Neutral indicator/Park indicator/High-range indicator/Low-range indicator/Differential lock
 - FI and EPS self-diagnostic fault codes

EAS28P1035

INSTRUMENT FUNCTIONS

Multifunction display



1. "CLOCK" button
2. "RESET" button
3. "SELECT" button
4. Speedometer
5. Fuel meter
6. Clock/Hour meter
7. Odometer/Tripmeter A/Tripmeter B

The multifunction display is equipped with the following:

- a speedometer (which shows the riding speed)
- an odometer (which shows the total distance traveled)
- two tripmeters (which show the distance traveled since they were last set to zero)
- a clock
- an hour meter (which shows the total time the engine has been running)
- a fuel meter
- a self-diagnosis device

Odometer and tripmeter modes

Pushing the "SELECT" button switches the display between the odometer mode "ODO" and the tripmeter modes "A" and "B" in the following order:

ODO → TRIP A → TRIP B → ODO

To reset a tripmeter, select it by pushing the "SELECT" button, and then push the "RESET" button for at least three seconds. The tripmeters can be used to estimate the distance that can be traveled with a full tank of fuel. This information will enable you to plan future fuel stops.

TIP

Pushing and holding in the "SELECT" button, and turning the key to "ON" while the button is pushed, switches the display between "mph" and "km/h".

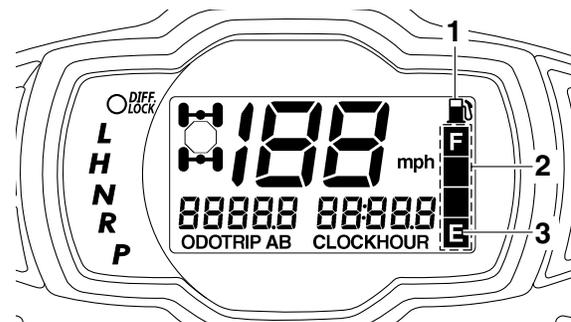
Clock mode

Pushing the "CLOCK" button switches the display between the clock mode "CLOCK" and the hour meter mode "HOUR" in the following order: CLOCK → HOUR → CLOCK

To set the clock:

1. Set the display to the clock mode.
2. Push the "SELECT" button and "RESET" button together for at least three seconds.
3. When the hour digits start flashing, push the "RESET" button to set the hours.
4. Push the "SELECT" button, and the minute digits will start flashing.
5. Push the "RESET" button to set the minutes.
6. Push the "SELECT" button and then release it to start the clock.

Fuel meter



1. Fuel level warning indicator
2. Fuel meter
3. "E" segment

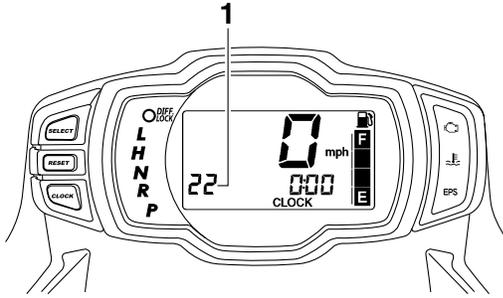
The fuel meter indicates the amount of fuel in the fuel tank. The display segments of the fuel meter disappear from "F" (full) towards "E" (empty) as the fuel level decreases. When the "E" segment disappears and the fuel level warning indicator flashes, refuel as soon as possible.

TIP

This fuel meter is equipped with a self-diagnosis system. If the electrical circuit is defective, all the display segments and fuel level warning indicator will start flashing. If this occurs, check the electrical circuit.

Refer to "SIGNALING SYSTEM" on page 9-19.

Self-diagnosis device



1. Fault code display

This model is equipped with a self-diagnosis device for various electrical circuits.

If any of those circuits are defective, the multifunction display will indicate a two-digit fault code. If the multifunction display indicates such a fault code, note the code number, and check the vehicle.

ECA28P1028

NOTICE

If the multifunction display indicates a fault code, the vehicle should be checked as soon as possible in order to avoid engine damage.

EAS20180

IMPORTANT INFORMATION

EAS20190

PREPARATION FOR REMOVAL AND DISASSEMBLY

1. Before removal and disassembly, remove all dirt, mud, dust and foreign material.



2. Use only the proper tools and cleaning equipment.

Refer to "SPECIAL TOOLS" on page 1-14.

3. When disassembling, 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 disassembly, clean all of the 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.

EAS20200

REPLACEMENT PARTS

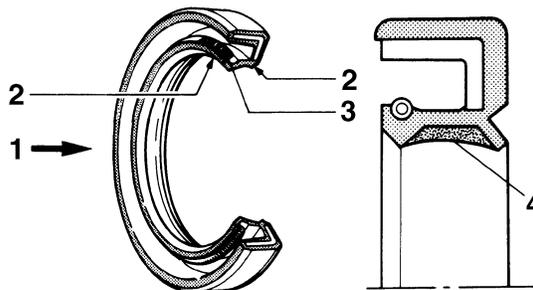
Use only genuine Yamaha parts for all replacements. Use oil and grease recommended by Yamaha for all lubrication jobs. Other brands may be similar in function and appearance, but inferior in quality.



EAS20210

GASKETS, OIL SEALS AND O-RINGS

1. When overhauling the engine, replace all gaskets, seals and O-rings. All gasket surfaces, oil seal lips and O-rings must be cleaned.
2. During reassembly, properly oil all mating parts and bearings and lubricate the oil seal lips with grease.

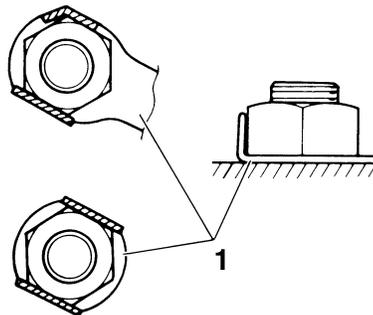


1. Oil
2. Lip
3. Spring
4. Grease

EAS20220

LOCK WASHERS/PLATES AND COTTER PINS

After removal, replace all lock washers/plates "1" and cotter pins. After the bolt or nut has been tightened to specification, bend the lock tabs along a flat of the bolt or nut.



EAS20230

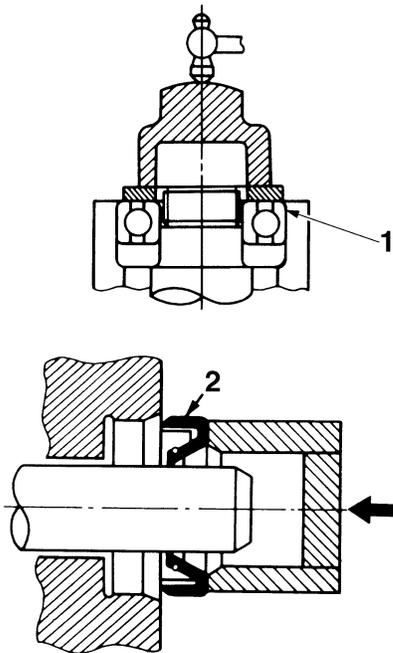
BEARINGS AND OIL SEALS

Install bearings "1" and oil seals "2" so that the manufacturer marks or numbers are visible. When installing oil seals "2", lubricate the oil seal lips with a light coat of lithium-soap-based grease. Oil bearings liberally when installing, if appropriate.

ECA13300

NOTICE

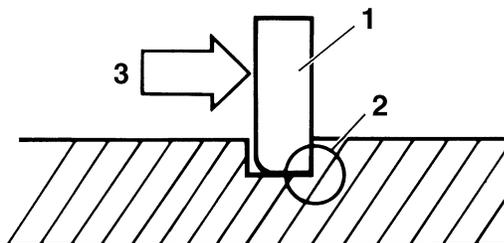
Do not spin the bearing with compressed air because this will damage the bearing surfaces.



EAS20240

CIRCLIPS

Before reassembly, check all circlips carefully and replace damaged or distorted circlips. Always replace piston pin clips after one use. When installing a circlip "1", make sure the sharp-edged corner "2" is positioned opposite the thrust "3" that the circlip receives.



CHECKING THE CONNECTIONS

EAS20250

CHECKING THE CONNECTIONS

Check the leads, couplers, and connectors for stains, rust, moisture, etc.

1. Disconnect:

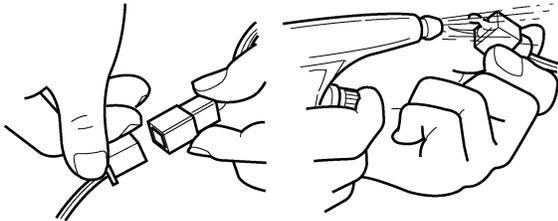
- Lead
- Coupler
- Connector

2. Check:

- Lead
- Coupler
- Connector

Moisture → Dry with an air blower.

Rust/stains → Connect and disconnect several times.



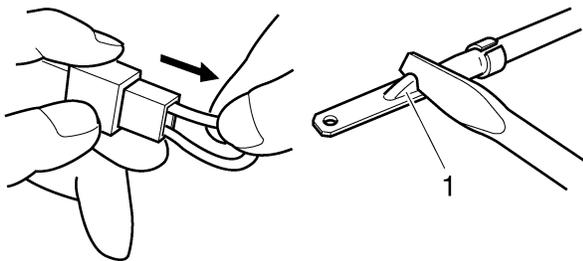
3. Check:

- All connections

Loose connection → Connect properly.

TIP

If the pin "1" on the terminal is flattened, bend it up.



4. Connect:

- Lead
- Coupler
- Connector

TIP

Make sure all connections are tight.

5. Check:

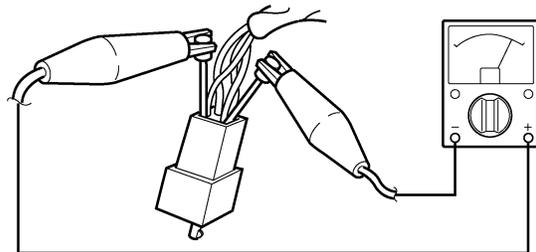
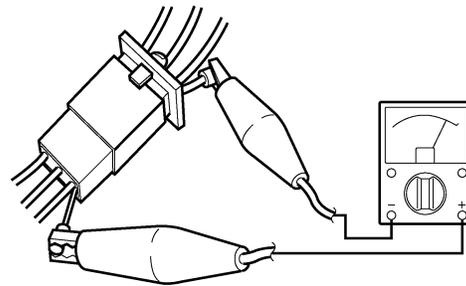
- Continuity
(with the pocket tester)



Pocket tester
90890-03112
Analog pocket tester
YU-03112-C

TIP

- If there is no continuity, clean the terminals.
- When checking the wire harness, perform steps (1) to (3).
- As a quick remedy, use a contact revitalizer available at most part stores.



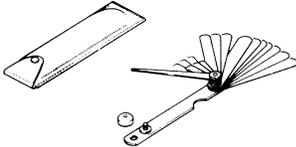
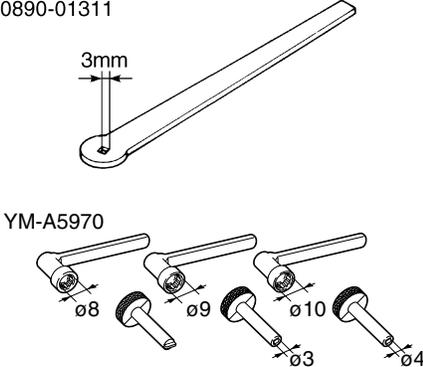
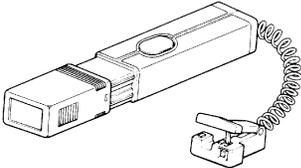
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SPECIAL TOOLS

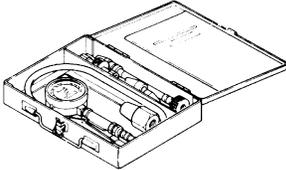
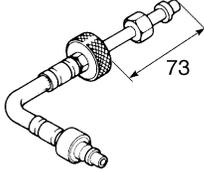
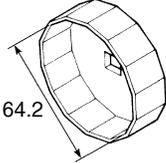
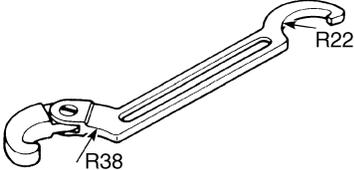
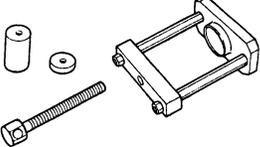
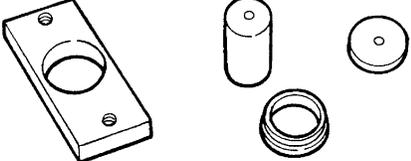
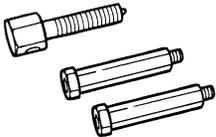
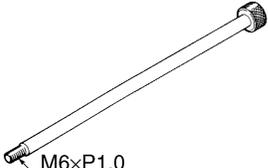
The following special tools are necessary for complete and accurate tune-up and assembly. Use only the appropriate special tools as this will help prevent damage caused by the use of inappropriate tools or improvised techniques. Special tools, part numbers or both may differ depending on the country. When placing an order, refer to the list provided below to avoid any mistakes.

TIP

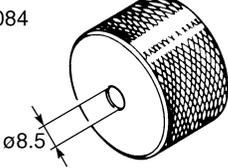
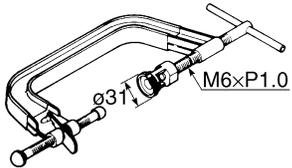
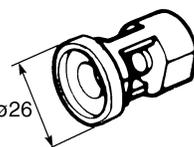
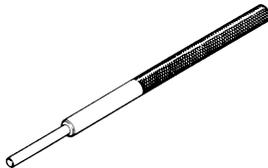
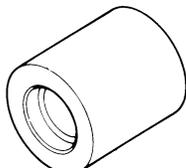
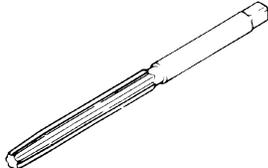
- For U.S.A. and Canada, use part numbers starting with “YM-”, “YU-”, or “ACC-”.
- For others, use part numbers starting with “90890-”.

Tool name/Tool No.	Illustration	Reference pages
Pocket tester 90890-03112 Analog pocket tester YU-03112-C		1-13, 9-81, 9-82, 9-83, 9-87, 9-89, 9-90, 9-91, 9-92, 9-93, 9-94, 9-95, 9-96, 9-97, 9-98
Thickness gauge 90890-03079 Narrow gauge set YM-34483		3-5
Tappet adjusting tool 90890-01311 Six piece tappet set YM-A5970	 <p>90890-01311</p> <p>3mm</p> <p>YM-A5970</p> <p>ø8 ø9 ø10 ø3 ø4</p>	3-5
Digital tachometer 90890-06760 YU-39951-B		3-8
Timing light 90890-03141 Inductive clamp timing light YU-03141		3-8

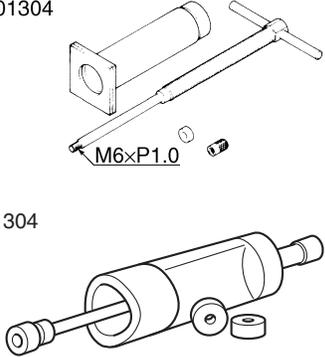
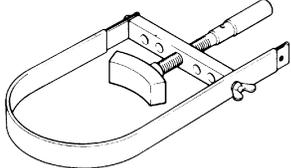
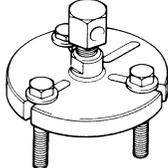
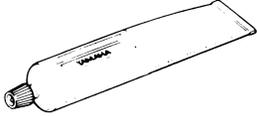
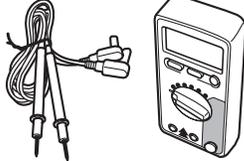
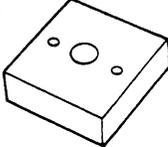
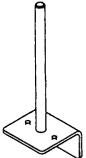
SPECIAL TOOLS

Tool name/Tool No.	Illustration	Reference pages
Compression gauge 90890-03081 Engine compression tester YU-33223		3-9
Extension 90890-04082		3-9
Oil filter wrench 90890-01426 YU-38411		3-11
Belt tension gauge 90890-03170 Rear drive belt tension gauge YM-03170		3-28
Ring nut wrench 90890-01268 Spanner wrench YU-01268		3-31, 3-32
Ball joint remover 90890-01474 YM-01474		4-57, 4-61
Ball joint remover attachment set 90890-01480 Ball joint adapter set YM-01480		4-57, 4-61
Ball joint remover short shaft set 90890-01514 YM-01514		4-57
Slide hammer bolt 90890-01083 Slide hammer bolt 6 mm YU-01083-1		5-18, 5-20

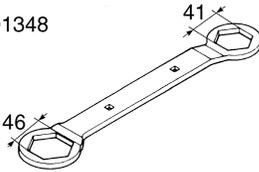
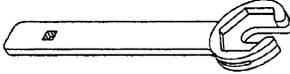
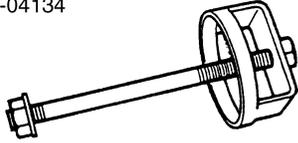
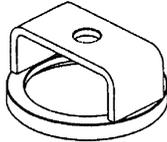
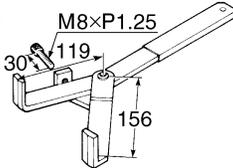
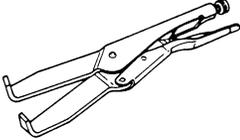
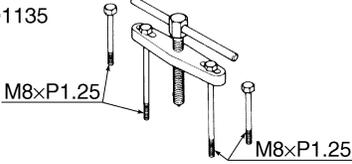
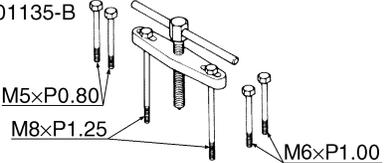
SPECIAL TOOLS

Tool name/Tool No.	Illustration	Reference pages
Weight 90890-01084 YU-01083-3	90890-01084  $\varnothing 8.5$ YU-01083-3 	5-18
Valve spring compressor 90890-04019 YM-04019	 $\varnothing 37$ M6xP1.0	5-22, 5-27
Valve spring compressor attachment 90890-01243 Valve spring compressor adapter (26 mm) YM-01253-1	 $\varnothing 26$	5-22, 5-27
Valve guide remover ($\varnothing 6$) 90890-04064 Valve guide remover (6.0 mm) YM-04064-A		5-23
Valve guide installer ($\varnothing 6$) 90890-04065 Valve guide installer (6.0 mm) YM-04065-A		5-23
Valve guide reamer ($\varnothing 6$) 90890-04066 Valve guide reamer (6.0 mm) YM-04066		5-23

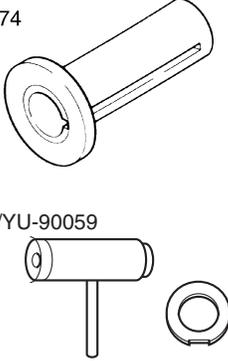
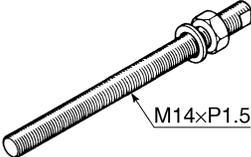
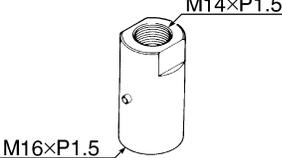
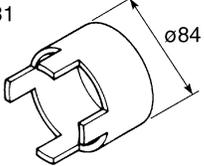
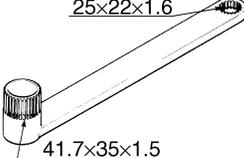
SPECIAL TOOLS

Tool name/Tool No.	Illustration	Reference pages
Piston pin puller set 90890-01304 Piston pin puller YU-01304	90890-01304  YU-01304	5-29
Sheave holder 90890-01701 Primary clutch holder YS-01880-A		5-36, 5-37, 5-38, 5-50, 5-54
Flywheel puller 90890-01362 Heavy duty puller YU-33270-B		5-36
Yamaha bond No. 1215 90890-85505 (Three Bond No.1215®)		5-38, 5-66
Digital circuit tester 90890-03174 Model 88 Multimeter with tachometer YU-A1927		5-42, 7-7
Sheave fixed block 90890-04135 Sheave fixed bracket YM-04135	90890-04135  YM-04135 	5-50, 5-53

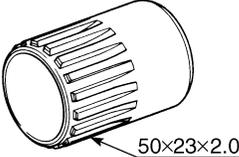
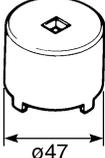
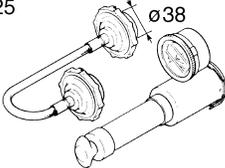
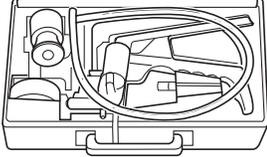
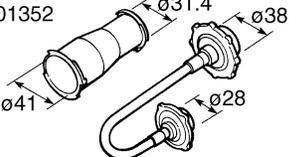
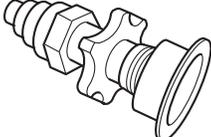
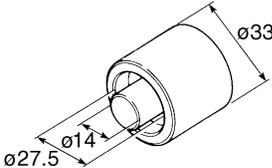
SPECIAL TOOLS

Tool name/Tool No.	Illustration	Reference pages
Locknut wrench 90890-01348 YM-01348	90890-01348  YM-01348 	5-50, 5-53
Sheave spring compressor 90890-04134 YM-04134	90890-04134  YM-04134 	5-50, 5-53
Universal clutch holder 90890-04086 YM-91042	90890-04086  YM-91042 	5-58, 5-59
Crankcase separating tool 90890-01135 Crankcase separator YU-01135-B	90890-01135  YU-01135-B 	5-70

SPECIAL TOOLS

Tool name/Tool No.	Illustration	Reference pages
Crankshaft installer pot 90890-01274 Installing pot YU-90058	90890-01274  YU-90058/YU-90059	5-72
Crankshaft installer bolt 90890-01275 Bolt YU-90060	 M14xP1.5	5-72
Adapter (M16) 90890-04130 Adapter #13 YM-04059	 M14xP1.5 M16xP1.5	5-72
Spacer (crankshaft installer) 90890-04081 Pot spacer YM-91044	90890-04081  ø84 YM-91044 	5-72
Spacer 90890-01309 Pot spacer YU-90059	 ø35	5-72
Coupling gear/middle shaft tool 90890-01229 Gear holder YM-01229	 25x22x1.6 41.7x35x1.5	5-82, 5-85

SPECIAL TOOLS

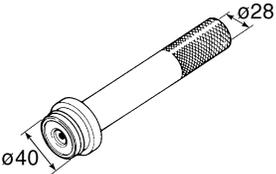
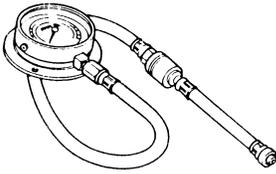
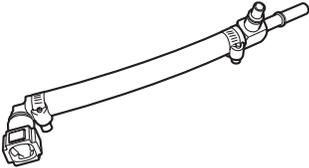
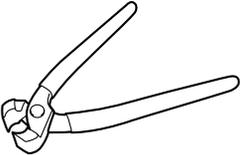
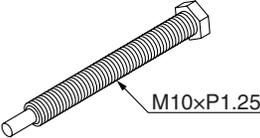
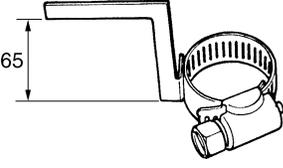
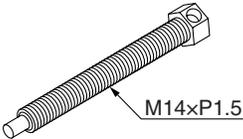
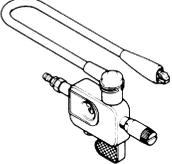
Tool name/Tool No.	Illustration	Reference pages
Bearing retainer wrench 90890-04128 Middle gear bearing retainer YM-04128		5-83, 5-84
Ring nut wrench 90890-01430 YM-38404		5-83, 5-84
Final gear backlash band 90890-01511 Middle drive gear lash tool YM-01230		5-86, 8-29
Radiator cap tester 90890-01325 Radiator pressure tester YU-24460-01	90890-01325  YU-24460-01 	6-3
Radiator cap tester adapter 90890-01352 Radiator pressure tester adapter YU-33984	90890-01352  YU-33984 	6-3
Mechanical seal installer 90890-04132 Water pump seal installer YM-33221-A		6-9

SPECIAL TOOLS

Product: 2009 Yamaha YFM5FGY/YFM5FGPY/YFM7FGY/YFM7FGPY ATV Service Repair Workshop Manual

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Tool name/Tool No.	Illustration	Reference pages
Middle driven shaft bearing driver 90890-04058 Bearing driver 40 mm YM-04058		6-9
Pressure gauge 90890-03153 YU-03153		7-7
Fuel pressure adapter 90890-03176 YM-03176		7-7
Boots band installation tool 90890-01526 YM-01526		8-9, 8-11, 8-22, 8-24
Ring gear fix bolt (M10) 90890-01527 YM-01527		8-13
Gear lash measurement tool 90890-01475 Middle drive gear lash tool YM-01475		8-13
Ring gear fix bolt (M14) 90890-01524 YM-01524		8-29
Ignition checker 90890-06754 Opama pet-4000 spark checker YM-34487		9-91

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