

ELECTRICAL

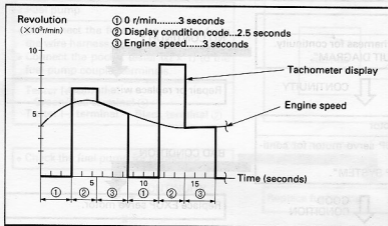
SELF-DIAGNOSIS

The YZF750R features self-diagnosis.

When the main switch is turned to "ON", the following items are monitored and the condition codes displayed on the tachometer (irrespective of whether the engine is running or not).

Item	Condition	Response	Display condition code
EX-UP	Disconnected Short-circuit	<ul style="list-style-type: none"> Enables the machine to run by moving the servo motor to its open side for three seconds, and puts the servo motor in stop mode. Displays the condition code on the tachometer. 	9,000 r/min
	Servo motor is locked.	<ul style="list-style-type: none"> Turns the power to the servo motor on and off so that it will not burn out. Displays the condition code on the tachometer. 	
Fuel light	Disconnected	<ul style="list-style-type: none"> Displays the condition code on the tachometer. 	7,000 r/min

Display order on the tachometer



When more than one item is being monitored, the tachometer needle shows the condition codes in ascending order, cycling through the sequence repeatedly.

While the engine is stopped, the engine speed ③ is shown as 0 r/min.

TROUBLESHOOTING

The tachometer starts to display the self-diagnosis sequence.

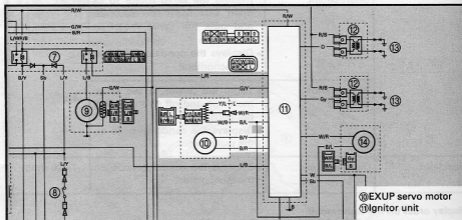
NOTE:

Use the following special tool in this troubleshooting.



Pocket tester:
YU-03112

1.EXUP CIRCUIT DIAGRAM



1.Wire harness

- Check the wire harness for continuity.
Refer to "CIRCUIT DIAGRAM".

↓ CONTINUITY

2.EXUP servo motor

- Check the EXUP servo motor for continuity
Refer to "EXUP SYSTEM".

↓ GOOD
CONDITION

Replace ignitor unit.

NO CONTINUITY

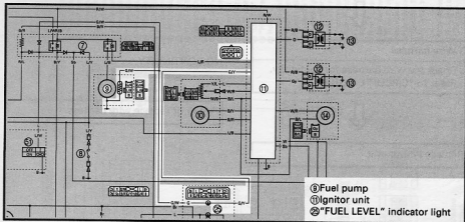
Repair or replace wire harness.

BAD CONDITION

Replace EXUP servo motor.



**2. "FUEL LEVEL" indicator light
CIRCUIT DIAGRAM**



1. "FUEL LEVEL" indicator light

- Check the bulb and bulb socket for continuity.

CONTINUITY

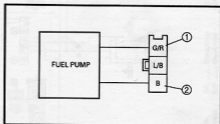
NO CONTINUITY

Replace bulb and/or socket.

2. Fuel pump

- Disconnect the fuel pump coupler from the wire harness.
- Connect the pocket tester ($\Omega \times 1$) to the fuel pump coupler terminals.

Tester (+) terminal → Green/Red terminal ①
Tester (-) terminal → Black terminal ②



- Check the fuel pump for continuity.

CONTINUITY
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NO CONTINUITY

Replace fuel pump.



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**3. Wire harness**

- Check the wire harness for continuity. Refer to "CIRCUIT DIAGRAM".



CONTINUITY

Replace ignitor unit.

NO CONTINUITY

Repair or replace wire harness.