



Sales division  
Technical network leadership

# PARAMETER RECORD SHEET

## CHECKING THE SINGLE-PHASE LOAD CIRCUIT

Date: - - - - -	Dealer code: - - - - -	Machine data:
	Name: - - - - -	V.I.N.: - - - - -
Incident:		Mileage: - - - - -

### TEST 1:

Voltmeter switched to volt direct current (VDC)	Connection to be made	Note the value	Remarks
With the ignition switched off, check the battery's voltage.		U= - - - - - V	Voltage lower than 11.8V. Recharge the battery before re-checking the load circuit.
			Voltage higher than 11.8V. Carry out test 2.

### TEST 2:

Voltmeter switched to volt direct current (VDC)	Connection to be made	Note the value	Remarks
With the engine accelerated, check the battery's voltage		U= - - - - - V	At least the same voltage as the one noticed in test 1. Carry out test 3.
			Voltage higher than 15V. Check the ground of the regulator. If it is correct change the regulator. Carry out again test 2.
			The voltage increases gradually until 13V with a maximum of 15V. End of check. The load circuit is in compliance. Carry out check 4 to confirm.

### TEST 3: DISCONNECT THE REGULATOR'S CONNECTOR AND DISABLE THE IGNITION (THE ENGINE SHALL NOT START).

Voltmeter switched to volt alternating current (VAC)	Connection to be made	Note the value	Remarks
Check the voltage on the white wire (BA) of the regulator's connector.		With the kick starter. U= - - - - - V With the starter motor. U= - - - - - V	Voltage lower than 5V. Check the continuity and insulation of the white wire (BA). If it is correct, change the flywheel magneto. Carry out again test 2.
			Voltage higher than 5V. Check the ground of the regulator and of the engine. If it is correct change the regulator. Carry out again test 2.

Disconnect the regulator and reactivate the ignition (The engine shall start again).

### TEST 4: CHECK TO BE CARRIED OUT WITH THE ENGINE ACCELERATED.

Multimeter switched to ammeter direct current 10A	Connection to be made	Note the value	Remarks
Connect the ammeter instead of the fuse.		Ignition on. I= - - - - - A	The ammeter shall show a discharge, minus sign in front of the value displayed. If not, the ammeter is incorrectly connected. (Reverse the two wires on the fuse holder).
		Engine is accelerated. I= - - - - - A	The ammeter shall display a value higher than 1A. If the value is lower than 1A. Carry out again the check from test 2.

TO BE PHOTOCOPIED AND TO BE FAXED TO N°: 03 81 36 80 88

