

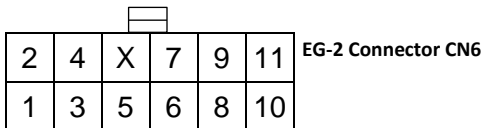
## KUBOTA EG-2 TEST INFORMATION

This technical information document can be used to assist in troubleshooting a Kubota EG-2 engine controller. The following tables can be used to bench test the EG-2 to help confirm a failed controller. Always double check wiring connections, electrical pins and clean secure grounds before final determination of an electrical component. Check that the battery is in good condition before troubleshooting electrical circuits.

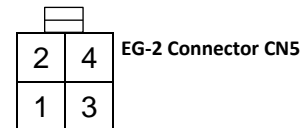
### EG-2 Test Table

(The resistance values between pin 2 and other pins of connector CN6 of EG-2 and other resistance values are approximate values)

Pin Number	CN6				CN5	
	1, 3, 4	5, 6, 7, 8, 9	10	11	1	2, 3, 4
Resistance [ $\Omega$ ]	Few M	$\infty$	0.7K	Few M	0.7K	$\infty$



EG-2 Connector CN6



EG-2 Connector CN5

Connector CN6		
1	----	Unused
2	Black	Ground
3	White/Red	Regulator charge
4	White	Insufficient charge signal
5	----	Unused
6	Yellow	Low lubricating oil pressure signal
7	Brown	Lubricating oil pressure switch
8	Blue/White	Jacket water temperature switch
9	Blue	High jacket water temperature signal
10	Orange	AC2
11	White/Green	Regulator relay output

Connector CN5		
1	White	Terminal block 50
2	Yellow	Starter
3	Blue	Stop solenoid
4	Red	Fuse F5

### Starter:

Frequent use of the idle stop function increases the engine start count, but the starter motor is expected to have start durability up to approx. 20,000 times. When the frequency of engine start/stop is high, replacement recommendation is every 5 years or 5,000 hours.

### Stop Solenoid:

When stopping the engine (emergency stop, normal stop), EG-2 operates the stop solenoid for approx. 10 seconds.

Resistance value between the stop solenoid and the body ground.	Approx. 1.2 $\Omega$
---	----------------------