



# How to disassemble and assemble the Fengjun 5 generator

How do you align a generator Shim?

Raising the rear, exciter end of the generator as necessary, place two 0.010-inch (0.254 mm) shims in the vertical (6 o'clock and 12 o'clock) positions between the generator adapter and the engine flywheel housing. This will give a good starting point for alignment. Remove the vertical shims at this time.

How do I know if my genset is expanding?

Generator expansion is generally not considered a factor. If the genset is moved to a different location, check alignment before startup. Caution: Do not pry on the fan. Check the engine flywheel's radial and face runout by mounting a dial indicator and measuring the flywheel housing to the flywheel as shown in Figure 6.

How do you remove a bearing housing from a generator?

On the opposite-drive-end side, lift the top part of the bearing housing until it can be moved in an axial line over the bearing liner without touching it, and then move it out. On the DE side lift the housing out and over the top of the generator.

What should you not do when assembling a generator?

Caution: Ensure the generator field wires are flat in the wire slot so they don't tear during assembly. Do not pull on the edges of the heat sinks or on the exciter armature windings. Caution: Do not pound on the rectifier or armature windings.

How do you shutdown a generator?

When the generator is provided with a voltage shutdown switch, be sure the switch is set to the idle position while the engine is running at idle speed. Where the generator set is provided with field circuit breakers, set the circuit breaker to the off position while the generator is running at idle speed.

How do you shut down a generator in parallel?

To shut down the generator operating in parallel, gradually reduce the kW load using the governor to reduce fuel or power. When kW load and line current approach 0, open the generator circuit breaker. Operate the generator unloaded for several minutes to dissipate the heat in the windings.

5- Place the metallic gasket in between and push the cover gently after putting some oil on the crankshaft to avoid damaging the seal. 6- Tighten all bolts to the same torque of 2.5 mKg. 7- ...

This guide demonstrates how to remove or replace the rotor and stator assembly on your Honda EB3000CK2A 3000 Watt Generator. The rotor and stator are removed as one unit. If you need to replace the rotor or stator individually, ...



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Here is a list of the most common generator problems: Generator battery keeps draining Generator engine leaks gas Generator engine won't start Generator engine stops after a few seconds Generator engine runs poorly Tools needed: ...

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