


Stamford Genuine Parts

Diodes and Varistor (Rectifier Service Kit)





Every part of the Stamford alternator is designed and manufactured to give desired operation and performance of the alternator. So every part is crucial and important for the smooth operation of your Generator and ensures that your Generator is available when needed.

In due course of operating life, these parts may need replacement as a maintenance requirement or in time of failure.



Note: Picture is indicative only. Actual kit may vary based on Alternator Model.

Rectifier Service Kit (RSK):

Diodes and Varistor of Rotating Rectifier Assembly are designed and manufactured to the specifications required. The ratings of Diode and Varistor depend on the various design and application parameters of the generator considering the various load factors.

Post the recommended operating life, rectifiers may subject to failure in view of aging, loading pattern, environmental condition especially during transient's activity such as impact loads, paralleling operation.

Failure of rectifier will result in loss of primary function of the generator, and may lead to other damage to components like Exciter Rotor / Exciter Stator / AVR resulting in unplanned maintenance requirements and increased cost of ownership. It is recommended to replace rectifier service kit after every 5 years to ensure healthy running of alternator.

Function in your alternator:

Converts 3 phase AC high frequency output from exciter generator to DC Input to main field of the alternator.


Maintenance recommendation:

CGT recommends to adhere the maintenance schedule mentioned in service and maintenance section in respective owner manual.

What if you use non-genuine Diodes and Varistor?

Non-genuine Diodes and Varistors from the local market may look the same in current rating but the other critical parameters such as PIV, FV, durability and operation in high speed continuous mode may not provide same performance as the Genuine Stamford Diodes and Varistor (RSK).

Using these parts may subject the alternator to frequent failure and deprive intended use of the generator. The failure of the diode and Varistor



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may lead to failure of the other components like exciter Generator.

Always insist on Stamford genuine parts – Diodes & Varistor:

Diodes and Varistor are supplied as a kit (Rectifier Service Kit).

When you use genuine Stamford Parts and assemblies, you get years of trouble free operation. Most importantly, you get peace of mind. Only Stamford knows what a Stamford Alternator needs. With Stamford nationwide network, you are never far from a Stamford Service Center. Stamford offers each customer a unique value package comprising product, information and support. Working round the

clock, around the country, Stamford's strong network is supported by committed and dedicated professionals.

So next time your Stamford Alternator needs parts replacement, use only Genuine Stamford Parts. They are easily available whenever and wherever you need them, just a call away.

For parts and service, contact the authorized service providers of Stamford Generator Technology or CGT Part department.

**You may send your enquires on:
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