



GE CF34 Electrical Harness Repair

Repair Solution

Fault finding unserviceable CF34 harnesses is very time consuming and premature failure could result in the need to purchase high cost replacement parts. EthosEnergy offers an alternative solution to operators by providing a comprehensive repair service including:

- + Replacement electrical connectors
- + Full testing and certification
- + Rewiring of damaged harnesses
- + Exchange harness service
- + Replacement of protective braiding

EthosEnergy provides a comprehensive solution for CF34 harnesses including connector, wire and protective braiding repair, avoiding the need for high cost replacement parts.

Repair Development Service

EthosEnergy's Repair Station in Duncan, South Carolina supports the global aviation industry with repair services is backed by OEM and regulatory approval. Our experienced engineers are capable of fault diagnosis and full repair development, including reverse engineering and DER repairs.

GE CF34 Overview

The GE CF34 engine first entered service in 1995 and now dominates power plants for the regional jet market. A derivative of the combat-proven TF34 powering the US Air Force A-10 and US Navy S-3A, the CF34 has evolved into a durable commercial engine, delivering both high performance and reliability.

Harness Degradation

Harness assemblies on the CF34 are robust units providing many years of reliable service, however they are subject to hostile environments including, wind turbulence, temperature variation, vibration, contamination and handling damage.





Engine Model	IAW CMM Repair Manual		IAW DER or Process Specification
	Clean Test and Inspect	Minor Repair	Major Repair (braiding, connector and / or wire repair)
GE CF34-8C	x	x	x
GE CF34-8C1	x	x	x
GE CF34-8D	x	x	x
GE CF34-8E	x	x	x
GE CF34-10A	x	x	x
GE CF34-10E	x	x	x

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