

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

SERVICE CENTRES

EthosEnergy Accessories and Components
 7A International Avenue, Dyce
 Aberdeen, AB21 0BH
 United Kingdom
 Tel: +44 (0) 1224 255810
accessories@ethosenergygroup.com

EthosEnergy Accessories and Components
 66 Prospect Hill Road
 East Windsor, CT, 06088
 US
 Tel: +(1) 860 292 3115
accessories@ethosenergygroup.com

EthosEnergy Accessories and Components
 34 Capital Drive
 Wallingford, CT 06492
 US
 Tel: + (1) 203 949 8144
accessories@ethosenergygroup.com

EthosEnergy Accessories and Components
 240 Parkway East Suite 100
 Duncan, SC, 29344
 US
 Tel: +(1) 864 249 9603
accessories@ethosenergygroup.com



EthosEnergy (US Corporate Office)
 Brookhollow Central I, 2800 North Loop West
 Houston, TX 77092

EthosEnergy (UK Corporate Office)
 Ethos House, Craigshaw Business Park,
 Craigshaw Road, Aberdeen, AB12 3QH

EthosEnergy is a leading independent service provider of rotating equipment services and solutions to the power, oil & gas and industrial markets. Globally, these services include facility operations & maintenance; design, manufacture and application of engineered components, upgrades and re-rates; repair, overhaul and optimization of gas and steam turbines, generators, pumps, compressors and transformers; delivery of gas turbines and generators, and supply of overhauled and warranted equipment on a FAST TRACK basis.