

Natural Gas Engines

Worldwide New Engine Warranty

The warranty on Consumer Products in the United States is a LIMITED warranty under U.S.A. law.

COVERAGE

Products Warranted

This warranty applies to Spark Ignited engines marketed by Cummins Natural Gas Engines, Inc. (CNGE), and delivered to the first user on or after September 1, 1996 for irrigation applications and on or after January 1, 1997 for all other applications for use in any location in the world where CNGE approved service is available through a Cummins Distributor. This Warranty does NOT apply to CNGE engines in a co-generation application.

Base Engine Warranty

The Base Engine Warranty covers any failures of the engine, except for maintenance items, which result, under normal use and service, from defects in workmanship or material (Warrantable Failures). This coverage will begin on the date of sale of the engine by CNGE and will expire according to the Base Engine Warranty expiration for the application and model listed in the Warranty Expiration Table. The Base Engine Warranty applies to the carburetor, ignition generator or distributor, governor and controller, and the secondary low pressure gas regulator that is normally supplied by CNGE with the engine.

Extended Major Components Warranty

The Extended Major Components Warranty applies to all CNGE spark ignited engines except the G/GTA5.9 and the G/GTA8.3 series engines. The Extended Major Components Warranty covers Warrantable Failures of the engine cylinder block casting, camshaft forging, crankshaft forging, connecting rod forging and rod cap forging (Covered Parts). Bushing and bearing failures are not covered. This coverage begins with the expiration of the Base Warranty and ends three years or 10,800 hours of operation, whichever occurs first, from the date of delivery to the first user.

Limited — Engine Warranty Certificate

Accessory Warranty

The Accessory Warranty applies to products installed and sold by CNGE with the warranted engine, but which bear the names of manufacturers other than CNGE, Cummins, or Cummins ReCon. This includes, but is not limited to; alternators, starters, air cleaners, fans, and safety shutdown switches. The Accessory Warranty covers any Warrantable Failures of the Accessories which occur after sale of the Accessory by CNGE and before the Accessory Warranty expiration for the application listed in the Warranty Expiration Table below.

WARRANTY EXPIRATION TABLE

APPLICATION		ENGINE MODEL	BASE WARRANTY EXPIRATION (Whichever occurs first)	ACCESSORY WARRANTY EXPIRATION (Whichever occurs first)
GENERATOR SET MARKET:			(Williams obodis may	(*************************************
	Emergency Stand-By Only	# ALL	2 years or 1500 operating hours	1 year or 750 operating hours
	Variable load and intermittent duty	ALL .	1 year or unlimited operating hours	6 months or 4000 operating hours
•	Full rated load full time	ALL	1 year or unlimited operating hours	6 months or 4000 operating hours
	Co-Generation	ALL	No warranty coverage	No warranty coverage
AG MARKET *		* ALL EXCEPT G/GTA5.9 & G/GTA8.3	2 years or 2000 operating hours	1 year or 1000 operating hours
	Ag Market	* G/GTA5.9 & G/GTA8.3	2 years or 2000 operating hours	6 months or 500 operating hours
ALL OTHER MARKETS		ALL	1 year or unlimited operating hours	6 months or 4000 operating hours

^{*} Warranty Coverage during the first year will have unlimited hours.

Additional Extended Base Warranty may be purchased. Contact your closest Cummins Distributor for details.

CNGE limited warranty will expire according to the above terms of coverage as measured from the date of delivery to the first end user customer.

The date of delivery will be established as the date of the sales invoice for the CNGE powered equipment that the first user receives from the appropriate equipment supplier, or as the date of the sales invoice to the first purchaser from the appropriate Cummins Distributor or authorized Cummins Dealer, or as the date of the engine sales invoice from CNGE to the first purchaser, whichever is on file at CNGE with the latest sales date.

CNGE RESPONSIBILITIES

CNGE will pay for all parts and labor needed to repair the damage to the engine resulting from the Warrantable Failure.

CNGE will pay for the lubricating oil, antifreeze, filter elements, spark plugs, spark plug wires, belts, hoses, and other maintenance items that are not reusable due to a Warrantable Failure.

CNGE will pay all reasonable labor costs for engine removal and re-installation to repair a Warrantable Failure.

CNGE will pay reasonable travel expenses for mechanics to and from the equipment site, including meals, mileage, and lodging, when it is necessary for mechanics to make on-site Warranty repairs on engines which are 300 miles or less from the repair location and can be reached in a service van. If it is necessary to travel by air or water to reach the equipment, CNGE will pay only for mileage and travel time in a service van to and from the debarkation point, and only if the travel distance to the debarkation point is 300 miles or less each way.

OWNER RESPONSIBILITIES

Owner is responsible for the operation and maintenance of the engine within its rated capacity and as specified by the applicable CNGE Operation and Maintenance Manual.

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements, spark plugs, spark plug wires, belts, hoses, and other maintenance items replaced during warranty repairs unless such items are not reusable due to a Warrantable Failure. Owner is also responsible for providing proof that all recommended maintenance has been performed.

Before the expiration of the applicable warranty, Owner must notify a CUMMINS distributor, authorized dealer, or other repair location approved by CNGE of any Warrantable Failure and make the Engine available for repair by such facility. Locations are listed in the CUMMINS international Sales and Service Directory and in the CUMMINS United States and Canada Sales and Service Directory.

Owner is responsible for communication expenses, meals, lodging, and similar costs incurred as a result of a Warrantable Failure.

Owner is responsible for all overtime premium and waiting time charges.

Owner is responsible for all travel expense not identified above as CNGE responsibility, including air fares, boat fares, remote lodging, mechanic's time, and all other travel expenses.

Owner is responsible for non-engine repairs and for "downtime" expenses, fines and all business costs and other losses resulting from a Warrantable Failure.

Owner is responsible for supplying to CNGE all necessary documents that are required to establish the date of delivery of the CNGE powered equipment as well as any other documents that may be required to establish proper operating hours, or to establish proper maintenance has been performed.



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LIMITATIONS

CNGE is not responsible for failures resulting from what CNGE determines to be abuse or neglect, including, but not limited to; operation without adequate coolant or lubricants, overfueling, overspeeding, overloading, operation at excessive coolant and exhaust temperatures, operation at elevated ambient temperatures without proper deration; lack of maintenance of lubricating, cooling, or air intake systems; improper storage, starting, warm-up, run-in, or shut-down practices, progressive damage resulting from a defective shutdown or warning device or if the Engine and/or Accessory is determined to have been modified so as to substantially alter its operating characteristics.

CNGE is not responsible for failures resulting from power output overload, or other non-engine controlled factors, including, but not limited to; backfiring due to fuel mixture or ignition setting; detonation or deterioration due to fuel composition, ignition timing, or high ambient temperature, non-starting due to low or high gas pressure or cold weather operation.

CNGE is not responsible for failures of maintenance items such as lubricating oil, antifreeze or coolant, filter elements, spark plugs, spark plug wires, belts after 500 hours or one year, whichever occurs first, hoses and other maintenance items that may need to be replaced from time to time.

CNGE is also not responsible for failures caused by incorrect fuel, insufficient fuel quantities or fuel pressure, or by water, dirt, or other chemical contaminants in the fuel.

All warranties are void and nonbinding on CNGE if, the Engine and/or Accessory is used in a co-generation application. All warranties are void and nonbinding on CNGE if at the time of failure the engine or accessory is determined to have been modified so as to substantially alter its operating characteristics.

Failures resulting in excessive oil consumption are not covered beyond the Base Engine Warranty. Before a claim for excessive oil consumption will be considered, Owner must submit adequate documentation to show that consumption exceeds CNGE published standards.

Parts used in warranty repairs may be new CUMMINS parts, new CNGE parts, new CUMMINS DIESEL RECON parts, CNGE approved rebuilt or CNGE repaired parts. CNGE is not responsible for failures resulting from the use of parts not approved by CNGE.

A new CNGE or CNGE approved rebuilt part used to repair a Warrantable Failure assumes the identity of the part it replaced and is entitled to the remaining coverage thereunder.

CNGE DOES NOT COVER WEAR OR WEAROUT OF COVERED PARTS.

CNGE IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THESE WARRANTIES SET FORTH HEREIN ARE THE SOLE WARRANTIES MADE BY CNGE IN REGARD TO THESE PRODUCTS. CNGE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

(This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or country to country.)



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