



Cummins Warranty

Cummins Commercial Marine Propulsion
(QSB5.9/QSB6.7/QSC8.3/QSL9/QSM11)



Coverage

Engines Included in this Coverage

Marine Propulsion

QSB5.9/QSB6.7/QSC8.3/QL9/QSM11

Products Warranted

This Warranty applies to new Engines sold by Cummins and delivered to the first user on or after January 1, 2017, used in Commercial and Government Marine Propulsion applications anywhere in the world as permitted by US ITAR and Export Compliance regulations where Cummins approved service is available.

This Warranty covers any failures of the Engine, under normal use and service, which result from a defect in Cummins material or workmanship (Warrantable Failure).

COMMERCIAL USE

Commercial use is defined as any work or employment related use of the Product, or any use of the Product that generates income, or any part of the Warranty period, even if the Product is only occasionally used for such purposes.

GOVERNMENT USE

Government use is defined as use by Federal, State and Local agencies in non-revenue producing applications.

MARINE PROPULSION RATINGS

Government Service (GS) Rating

Intended for use in variable load applications where full power is limited to one hour out of every eight hours of operation.

Reduced power operation must be at or below cruise speed (rpm). Cruise speed (rpm) is dependent on the engine rated speed (rpm):

Rated Speed (rpm)	Reduction from rated speed (rpm)
2,000 to 2,800 rpm	200 rpm below rated
2,801 to 3,500 rpm	300 rpm below rated
3,501 to 4,500 rpm	400 rpm below rated

Government Service (GS)

The Government Service Rating applies to Government use in variable load applications where annual use is less than 500 hours and full power is one (1) out of every eight (8) hours of operation. Reduced power operation must be at or below cruise speed.

Intermittent Duty (ID)

This power rating is intended for intermittent commercial or government use in variable load applications where full power is limited to two hours out of every eight hours of operation. Also, reduced power operations must be at or below 200 rpm of the maximum rated rpm. This rating

typically operates up to 1500 hours per year. This rating is an ISO3046 Fuel Stop Power Rating.

Medium Duty (MD)

This power rating is intended for continuous commercial or government use in variable load applications where full power is limited to six hours out of every twelve hours of operation. Also, reduced power operations must be at or below 200 rpm of the maximum rated rpm. This rating typically operates up to 2500 to 3000 hours per year depending on the engine family. This rating is an ISO3046 Fuel Stop Power Rating.

Heavy Duty (HD)

This power rating is intended for continuous commercial or government use in variable load applications where full power is limited to eight hours out of every ten hours of operation. Also, reduced power must be at least 200 rpm below the maximum rated rpm. This rating typically operates up to 3000 to 4000 hours per year depending on the engine. This rating is an ISO3046 Fuel Stop Power Rating.

Continuous Duty (CD)

This power rating is intended for continuous commercial or government use in applications requiring uninterrupted service at full power. This rating is an ISO3046 Standard Power Rating.

Base Engine Warranty

This Warranty covers any failures of the Engine, under normal use and service, which result from a defect in Cummins material or factory workmanship (Warrantable Failure). Coverage begins with the sale of the Engine by Cummins and continues for the Duration stated in the following table. The Duration commences on either the date of delivery of the Engine to the first end-user, or the date the unit is first leased, rented or loaned, or when the Product has been operated for 50 hours, whichever occurs first. The Base Coverage duration ends two (2) years after the in-service date or allowed hours of total operation, whichever occurs first.

Components included in the Cummins Critical Parts List (CPL) and marked with a Cummins part number are covered under Base Engine Warranty.

Additional Coverage is outlined in the Emission Warranty section.

Warranty Coverage Periods				
Rating	QSB, QSC and QSL		QSM11	
	Months	Hours	Months	Hours
Government Service	24	1,000	24	1,000
Intermittent Duty	24	3,000	24	3,000

Medium Duty	24	5,000	24	6,000
Heavy Duty	24	6,000	24	8,000
Continuous Duty	24	ULTD	24	ULTD
Coverage ends at whichever occurs first, months or hours of usage				

Extended Major Components Warranty

The Extended Major Components Warranty covers Warrantable Failures of the Engine cylinder block, camshaft, crankshaft and connecting rods (Covered Parts).

Bushing and bearing failures are NOT covered.

This limited Warranty covers the Engine from the date of shipping from the Cummins factory to the end of the Coverage duration. The end of the Coverage duration is calculated based on an in-service date. The Extended Major Components Coverage duration ends six (6) years after the in-service date or allowed hours of total operation, whichever occurs first. The in-service date is defined as either 1) the date of the initial delivery of the Engine to the first end-user (through purchase, lease or loan), or 2) the date when 200 hours of operation for Quantum Series Engines (QSB5.9/QSB6.7/QSC8.3/QSL9/QSM11) have accumulated.

Warranty Coverage Periods				
Rating	QSB, QSC and QSL		QSM11	
	Months	Hours	Months	Hours
Government Service	72	5,000	72	5,000
Intermittent Duty	72	7,000	72	7,000
Medium Duty	72	9,000	72	10,000
Heavy Duty	72	10,000	72	12,000
Continuous Duty	72	ULTD	72	ULTD
Coverage ends at whichever occurs first, months or hours of usage				

Cummins Responsibilities

During Base Engine Warranty

Cummins will pay for all parts and labor needed to repair the damage to the Product resulting from a Warrantable Failure when performed during normal business hours. All labor costs will be paid in accordance with Cummins published Standard Repair Time guidelines.

When it is necessary for mechanics to make on-site warranty repairs, Cummins will pay reasonable travel

expenses, including meals, mileage and lodging, for mechanics to travel to and from the repair dock. Labor must be performed by an authorized Cummins Repair Facility.

Cummins will pay for the lubricating oil, antifreeze, filter elements and other maintenance items that are not reusable due to the Warrantable Failure.

Cummins will pay for reasonable labor costs for Engine removal and reinstallation when necessary to repair a Warrantable Failure.

During The Extended Major Components Warranty

Cummins will pay for the repair or, at its option, replacement of the defective Covered Part and any Covered Part damaged by a Warrantable Failure of the defective Covered Part.

Owner Responsibilities

During Both The Base Engine And The Extended Major Components Warranties

Owner is responsible for the operation and maintenance of the Product as specified in the applicable Cummins Operation and Maintenance Manual. Owner is also responsible for providing proof that all recommended maintenance has been performed. Exceeding the operational parameters of the rating will void this Warranty. The Owner of the boat is ultimately responsible for ensuring the Engine is properly operated and maintained. The Warranty will be void on any Engines that are misapplied, not maintained properly or misused.

Before the expiration of the applicable Warranty, Owner must notify a Cummins distributor, authorized dealer or other repair location approved by Cummins of any Warrantable Failure and make the Engine available for repair by such facility. Service locations are listed on the Cummins Worldwide Service Locator at cummins.com.

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements and other maintenance items replaced during Warranty repairs unless such items are not reusable due to the Warrantable Failure.

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

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

In the event of any Product failure, Owner is responsible for the cost of towing the boat to the repair dock and for all associated docking and harbor charges.

Owner is responsible for maintaining the Engine hourmeter in good working order at all times and to ensure that the hourmeter accurately reflects the total hours of operation of the Product.

Owner is responsible for the costs to investigate complaints, unless the problem is caused by a defect in Cummins material or factory workmanship.

During The Extended Major Components Warranty

Owner is responsible for the cost of all other parts and labor used for the repair except for the defective Covered Part and any Covered Part damaged by a Warrantable Failure of the defective Covered Part.

Limitations

Failure to use the specified fuel as listed in the Cummins Fuel Bulletin #3379001 Table 1 (Cummins Inc. Required Diesel Fuel Specifications) can damage the Engine and aftertreatment system within a short period of time. This damage could cause the Engine to become inoperable and failures attributable to the use of incorrect fuels will be denied Warranty Coverage. Fuel specifications also need to comply with local fuel regulations (EN590 for Europe and ASTM D975 for North America) for Warranty eligibility.

Cummins supplied alternators and starters limitation

- Warranty Coverage is limited to 2 years or 2,000 hours, whichever expires first for rating other than Government Service.
- Warranty Coverage is limited to 2 years or 1,000 hours, whichever expires first for the Government Service rating.

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of cooling, lubricating or intake systems; improper storage, starting, warmup, run-in or shutdown practices; unauthorized modifications to the Engine; improper loading that does not allow the Engine to meet Cummins installation guidelines; submersion, freezing temperatures, improper service, removal of parts or running the Engine out of water, water ingestion, unless caused by a Warrantable Failure. Cummins is not responsible for failures resulting from:

- 1 Use or application of the Engine inconsistent with its rating designation and Engine duty cycle forth above.
- 2 Incorrect installation.

Before a claim for excessive oil consumption will be considered, Owner must submit adequate documentation to show that oil consumption exceeds Cummins published standards.

Cummins is not responsible for failures of maintenance components supplied by Cummins beyond 90 days after the Coverage duration start date. Maintenance components include, but are not limited to: belts, hoses, sea water pump impellers; zinc plugs; oil filters; fuel

filters; air filters; water filters; fuel/water separator filters; expansion tank pressure caps.

Failure of belts and hoses supplied by Cummins are not covered beyond 90 days after the date of delivery of the Product to the first user, or the date the unit is first leased, rented or loaned, or when the Product has been operated for 50 hours, whichever occurs first.

Cummins does not warrant accessories that are not supplied by a Cummins factory.

Parts used in Warranty repairs may be new Cummins parts, Cummins approved rebuilt parts or repaired parts. Cummins is not responsible for failures resulting from the use of parts not supplied by Cummins.

A new Cummins or Cummins approved rebuilt part used to replace a Warranted Part assumes the identity of the Warranted Part it replaced and is entitled to the remaining Coverage hereunder.

CUMMINS DOES NOT COVER WEAR OR WEAROUT OF COVERED PARTS.

CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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

Emission Warranty

Products Warranted

This Emission Warranty applies to new Engines certified to United States EPA 40 CFR 94 & 1042 sold by Cummins that are installed in vessels flagged or registered in the United States*.

Coverage

Cummins warrants to the first user and each subsequent purchaser that the Engine is designed, built, and equipped so as to conform at the time of sale by Cummins with all U.S. Federal emission regulations applicable at the time of manufacture and that it is free from defects in workmanship or material that would cause it not to meet these regulations within the longer of the following periods: (A) Five years or 5,000 hours of operation, whichever occurs first. The Emissions Warranty starts from the date of delivery of the Engine to the first user, or the date the unit is first leased, rented, or loaned, or when the Engine has been operated for 50 hours, whichever occurs first, or (B) The Base Engine Warranty.

Limitations

Failure to use the specified fuel as listed in the Cummins Fuel Bulletin #3379001 Table 1 (Cummins Inc. Required Diesel Fuel Specifications) can damage the Engine and

aftertreatment system within a short period of time. This damage could cause the Engine to become inoperable and failures attributable to the use of incorrect fuels will be denied Warranty Coverage. Fuel specifications also need to comply with local fuel regulations (EN590 for Europe and ASTM D975 for North America) for Warranty eligibility.

Failures, except those resulting from a defect in materials or factory workmanship, are not covered by the Warranty.

The Owner may elect to have maintenance, replacement or repair of the emission control parts performed by a facility other than a Cummins distributor, an authorized dealer or a repair location approved by Cummins, and may elect to use parts other than new genuine Cummins or Cummins approved rebuilt parts and assemblies for such maintenance, replacement or repair; however, the cost of such service or parts and subsequent failures resulting from such service or parts will not be covered under this Emission Control Warranty.

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolant or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warmup, run-in or shutdown practices; unauthorized modifications of the Engine. Cummins is also not responsible for failures caused by incorrect oil, fuel or diesel exhaust fluid or by water, dirt or other contaminants in the fuel, oil or diesel exhaust fluid.

Cummins is not responsible for non-Engine repairs, "downtime" expenses, cargo damage, fines, all business costs or other losses resulting from a Warrantable Failure.

Cummins is not responsible for incidental or consequential damages.

In the United States* and Canada, this Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. Outside the United States* and Canada, in the case of consumer sales, in some countries the Owner has statutory rights, which cannot be affected or limited by the terms of this Warranty. Nothing in this Warranty excludes or restricts any contractual rights the Owner may have against third parties.

* United States includes American Samoa, the Commonwealth of Northern Mariana Islands, Guam, Puerto Rico and the U.S. Virgin Islands.



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