



Emission Control Warranty Statement

Emergency Standby Gas engine-generator sets

MTU 4R0063 GS20 (20 kW Standby)

MTU 4R0063 GS30 (30 kW Standby)

MTU 4R0063 GS40 (40 kW Standby)

MTU 4R0063 GS50 (50 kW Standby)

MTU 8V0078 GS60 (60 kW Standby)

MTU 10V0068 GS75 (75 kW Standby)

Built in North America

MS65046/02E

Table of Contents

1	Federal Emission Control Warranty Statement.....	2
1.1	Emission Warranty	2
1.2	Limitation and Responsibilities	2
1.2.1	MTU Onsite Energy Responsibilities.....	2
1.2.2	Owner Responsibilities.....	2
1.2.3	Limitations	3
2	California Emission Control Warranty Statement	4
2.1	Manufacturer's Warranty Coverage.....	4
2.2	Owner's Warranty Responsibilities.....	4
2.3	Warranty Coverage	4
2.4	Exclusions.....	5
2.5	Warranted Parts.....	6

1 Federal Emission Control Warranty Statement

This Federal Emission Control Warranty applies to all 2019 MTU Onsite Energy spark ignition non-road engines.

1.1 Emission Warranty

MTU Onsite Energy warrants to the original and each subsequent owner of a certified MTU Onsite Energy non-road spark ignition engine (herein "engine"), that such engine is:

- 1.) Designed, built, and equipped so as to conform at the time of sale, with the applicable regulations adopted by the United States Environmental Protection Agency (EPA).
- 2.) Free from defects in materials and workmanship of specific emission-related components for the appropriate period of years (as specified below) after date of delivery to the initial owner.

ENGINE TYPE	ENGINE CATEGORY	WARRANTY PERIOD
Non-road According to 40 CFR §§ 60, 90, 1065, and 1068	const. speed	2 years

The warranty period shall begin on the date the engine is delivered to the first retail purchaser or, if the engine is first placed in service as a dealer demonstrator prior to sale at retail, on the date the engine is first placed in such service.

If an emission-related component fails during the warranty period, it will be repaired or replaced. Any such component repaired or replaced under warranty is warranted for the remainder of the warranty period.

During the term of this warranty, MTU Onsite Energy will provide, through MTU Onsite Energy or other MTU Onsite Energy-authorized facility, repair, or replacement including reasonable diagnostic costs of any warranted part at no charge to the engine owner.

1.2 Limitation and Responsibilities

The warranty is subject to the conditions that follow.

1.2.1 MTU Onsite Energy Responsibilities

During the Federal Emission Warranty period, if a defect in material or workmanship of an emission-related part or component is found, MTU Onsite Energy will provide:

- 1.) New, remanufactured, or repaired components, approved pursuant to EPA regulations, required to correct the defect. Parts replaced under this warranty become property of MTU Onsite Energy.
- 2.) Reasonable and customary labor during normal working hours, required to make the warranted repair. This includes labor to remove and install the engine, if necessary.

1.2.2 Owner Responsibilities

For questions regarding your warranty rights and responsibilities or the location of the nearest authorized dealer or distributor, contact **MTU Onsite Energy Service-Desk** at +1 507 625 7973.

During the Federal Emission Warranty period the owner is responsible for:

- 1.) Costs to investigate conditions which are determined by MTU Onsite Energy in the exercise of its reasonable discretion not to be caused by a defect in MTU Onsite Energy material or workmanship.
- 2.) Providing timely notice (within 30 days) of a warrantable failure and promptly making product available for repair.
- 3.) Proper maintenance as required in the Operation and Maintenance Manual at owner's expense.

The following parts, if existent at the time of delivery, are covered by the above warranty:

- Camshaft Position Sensor
- Intake Manifold Pressure Sensor
- Intake Manifold Temperature Sensor
- Oxygen Sensor
- Electronic Control Module (ECM)
- Coolant Temperature Sensor
- Crankshaft Position Sensor
- Gaseous Mixer
- Electronic Pressure Regulator
- Turbocharger
- Knock Sensor
- Intercooler

1.2.3 Limitations

MTU Onsite Energy is not responsible for damages to an emission-related component resulting from:

- 1.) Any application or installation MTU Onsite Energy deems improper.
- 2.) Attachments, accessory items, or parts neither sold nor approved by MTU Onsite Energy.
- 3.) Improper engine maintenance or repair and / or engine abuse.
- 4.) Conditions resulting from tampering, misuse, improper adjustment, alteration, accident, failure to use specified fuel, or non-performance of maintenance services.

This warranty is in addition to the MTU Onsite Energy standard warranty applicable to the relevant engine. Remedies under this warranty are limited to the provisions of material and service as specified herein. MTU Onsite Energy is not responsible for incidental or consequential damages.

2 California Emission Control Warranty Statement

YOUR WARRANTY RIGHTS AND OBLIGATIONS

The California Air Resources Board (CARB) and MTU Onsite Energy are pleased to explain the emission control system warranty on your 2019 heavy-duty, off-road gaseous engine. In California, new heavy-duty off-road engines (herein “engine”) must be designed, built, and equipped to meet the State’s stringent anti-smog standards. MTU Onsite Energy must warrant the emission control system on your engine for the periods of time listed below provided there has been no abuse, neglect, or improper maintenance of your engine.

Your emission control system may include parts such as the fuel injection system and the air induction system. Also included may be hoses, belts, connectors, and other emission related assemblies.

Where a warrantable condition exists, MTU Onsite Energy will repair your engine at no cost to you, including diagnosis (if diagnostic work is performed at an MTU Onsite Energy authorized dealer), parts, and labor.

2.1 Manufacturer's Warranty Coverage

The 2019 and later heavy-duty off-road engines are warranted for two (2) years from the date the engine is delivered to the first retail purchaser. If any emission-related part on your engine is defective, the part and any other damaged part whose damage is proximately caused by a failure under warranty of any warranted part, will be repaired or replaced by MTU Onsite Energy.

2.2 Owner's Warranty Responsibilities

As the engine owner, you are responsible for the performance of the required maintenance listed in your Operation and Maintenance Manual. MTU Onsite Energy recommends that you retain all receipts covering maintenance on your engine, but MTU Onsite Energy cannot deny warranty solely for the lack of receipts.

As the engine owner, you should be aware that MTU Onsite Energy may deny warranty coverage if your engine or a part has failed due to abuse, neglect, improper maintenance, or unapproved modifications.

Your engine is designed to operate only on the fuel specified in your Operation and Maintenance Manual. Use of any other fuel may result in your engine no longer operating in compliance with California’s emissions requirements.

You are responsible for initiating the warranty process. CARB suggests that you present your engine to an MTU Onsite Energy dealer or distributor as soon as a problem exists. The warranty repairs should be completed by the dealer or distributor as expeditiously as possible.

If you have any questions regarding your warranty rights and responsibilities or the location of the nearest authorized dealer or distributor, contact **MTU Onsite Energy Service-Desk** at +1 507 625 7973 or the **California Air Resources Board** at: State of California Air Resources Board/Mobile Source Operations Division - 9528 Telstar Avenue - El Monte, California 91731.

2.3 Warranty Coverage

MTU Onsite Energy warrants to the original owner and each subsequent owner of a 2019 MTU Onsite Energy engine certified for sale and registered in the State of California, that:

- The engine was designed, built, and equipped to conform at the time of sale with the applicable regulations adopted by the Federal Environmental Protection Agency and the California Air Resources Board.

- The emission control system of such engine is free from defects in materials and workmanship which would cause it not to conform with those regulations for a period of use of two (2) years. The two (2) year warranty period shall begin on the date the engine is delivered to the first retail purchaser or, if the engine is first placed in service as a dealer demonstrator prior to sale at retail, on the date the engine is first placed in such service.

If an emission-related warranted part fails during the period of warranty coverage, the part shall be repaired or replaced by MTU Onsite Energy at no charge to the owner by an MTU Onsite Energy authorized dealer or distributor. Any such part repaired or replaced during the warranty shall be warranted for the remaining warranty period. The owner shall not be charged for diagnostic labor which leads to the determination that a warranted part is, in fact, defective, provided that such diagnostic work is performed by an authorized MTU Onsite Energy dealer or distributor.

If a warranted part fails because of a defect, MTU Onsite Energy will cover the repair or replacement by any authorized MTU Onsite Energy dealer or distributor. Any other engine parts damaged by the failure under warranty of an emission-related warranted part will also be repaired or replaced at no charge to the owner.

Any warranted part that is scheduled for replacement as required maintenance is warranted for the period of time prior to the first scheduled replacement point for that part. If replaced or repaired under warranty prior to the first scheduled replacement of that part, the new or repaired parts shall be warranted for the time remaining to the first scheduled replacement.

Any warranted parts scheduled only for the regular inspection in the written instructions shall be warranted for the warranty period defined in the above section. Any statement in the written instruction to repair or replace as necessary shall not reduce the warranty coverage. Any such part, repaired or replaced, under the warranty shall also be warranted for the remaining warranty period.

Any replacement part may be used in the performance of any maintenance or repairs. However, the manufacturer is not responsible for non-manufacturer parts.

2.4 Exclusions

This warranty does not cover:

- Any application or installation MTU Onsite Energy deems improper.
- Malfunctions in any part caused by any of the following: misuse, improper adjustment, modification, alteration, tampering, disconnection, or improper/inadequate maintenance.
- Damage resulting from accident, negligence, acts of God, or other events beyond the control of MTU Onsite Energy.
- Incidental or consequential damages such as loss of time, inconvenience, loss of use of the engine or equipment powered by the engine, towing, down time, telephone, travel, lodging, or any other indirect or direct damages.

2.5 Warranted Parts

The following components are covered by the above warranty. Some scheduled maintenance is required (reference the Operation and Maintenance Manual):

- Camshaft Position Sensor
- Intake Manifold Temperature Sensor
- Intake Manifold Pressure Sensor
- Oxygen Sensor
- Electronic Control Module (ECM)
- Coolant Temperature Sensor
- Crankshaft Position Sensor
- Gaseous Mixer
- Electronic Pressure Regulator
- Turbocharger
- Knock Sensor
- Intercooler

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