
EMISSION — RELATED WARRANTY

In this emission limited warranty, the term “Manufacturer” means Perkins Engine Company as the holder of the U.S. Environmental Protection Agency (U.S. EPA) Certificate of Conformity and California Executive Order for the machine. The emission control limited warranty is in addition to the standard limited warranty for your machine.

Your Bobcat dealer is authorized to perform all warranty and service repairs on your diesel engine. To locate a Bobcat dealer, visit Bobcat.com or call 1–800–743–4340.

PERKINS ENGINE COMPANY

EMISSION CONTROL WARRANTY STATEMENT

FEDERAL EMISSION CONTROL WARRANTY

The 1200 series diesel engines are an nonroad compression ignition engine. Perkins Engine Company limited warrants to the initial owner and to the subsequent owner of the 1200 series diesel engines that such an engine is:

1. Designed, built and equipped so that the engine conform, at the time of sale, with all applicable regulations adopted by the United States Environmental Protection Agency (EPA).
2. Free from defects in materials and workmanship in specific emission related parts for the following period:

The warranty period is for 3000 hours or for 5 years, whichever occurs first, after the date of delivery to the owner that operates the engine.

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

During the term of this warranty, Perkins Engine Company limited will provide through a Perkins distributor or your Perkins dealer or other establishment authorized by it, repair or replacement of any warranted part at no charge to the engine owner.

In an emergency, repairs may be performed at any service establishment, or by the owner, using any replacement part. It is recommended that emission related parts be replaced with genuine Perkins Engine Company limited parts.

Perkins Engine Company limited will reimburse the owner for their expenses, including diagnostic charges for such an emergency repair. These expenses shall not exceed the Perkins Engine Company limited suggested retail price for all warranted parts replaced, and labor charges based on Perkins Engine Company limited recommended time allowance for the warranty repair and the geographically appropriate hourly labor rate.

As a condition of reimbursement, replaced parts and receipted invoices must be presented at a place of business of a Perkins distributor or your Perkins dealer or other establishment authorized by Perkins Engine Company limited.

This warranty covers the following emission related parts and components:

Turbocharger System	Crankcase Ventilation System	NOx Reduction System
Inlet Manifold	Electronic Engine Control System	Aftertreatment Regeneration Device
Fuel Injection System	Engine Aftertreatment System	Miscellaneous valves, switches, hoses, clamps, connectors, tubing and sealing devices that are used in the above systems

LIMITATIONS AND RESPONSIBILITIES:

The warranty is subject to the following conditions:

Perkins Engine Company limited Responsibilities

During the emission warranty period, if a defect in material or workmanship of an emission related part or component is found, Perkins Engine Company limited will provide the following:

- New, Remanufactured or repaired parts and/or components, approved pursuant to EPA Regulations, required to correct the defect.
- Reasonable and customary labor, during normal working hours that is required to make the warranty repair. This includes labor in order to remove an engine and install the engine, if necessary.

NOTE: *Items that are replaced under this warranty become the property of Perkins Engine Company limited.*

Owner Responsibilities

During the emission warranty period, the owner is responsible for the following items:

- The costs in order to investigate complaints which are not caused by a defect in Perkins Engine Company limited material or Perkins Engine Company limited workmanship.
- Providing timely notice of a warrantable failure and promptly making the product available for repair.

Limitations

Perkins Engine Company limited is not responsible for resultant damages to an emission related part or component resulting from the following items:

- Any application or any installation that Perkins Engine Company limited deems improper.
- Attachments, accessory items or parts not sold nor approved by Perkins Engine Company limited
- Improper engine maintenance, repair or abuse.
- Use of improper fuel, lubricants, or fluids.
- Owner's unreasonable delay in making the product available after being notified of a potential product problem.

This warranty is in addition to Perkins Engine Company limited standard warranty, applicable to the engine product involved.

Remedies under this warranty are limited to the provision of material and services as specified herein. Perkins Engine Company limited is not responsible for incidental or consequential damages, including but not limited to downtime or loss-of-use of engine.

CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT

The California Air Resources Board and Perkins Engines Company Limited are pleased to explain the emission control system warranty on your engine. In California, new off-road engines must be designed, built, and equipped to meet the State's stringent anti-smog standards.

Perkins 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 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, Perkins will repair your heavy-duty off-road engine at no cost to you including diagnosis, parts, and labour.

MANUFACTURES WARRANTY COVERAGE

The heavy-duty off-road engines are warranted for the warranty period set forth below. If any emission-related part on your engine is defective, the part will be repaired or replaced by Perkins.

OWNER'S WARRANTY RESPONSIBILITIES

- As the off-road engine owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Perkins recommends that you retain all receipts covering maintenance on your off-road engine, but Perkins cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.
- As the off-road engine owner, you should however be aware that Perkins may deny you warranty coverage if your off-road engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.
- Your engine is designed to operate on diesel fuel only. Use of any other fuel may result in your engine no longer operating in compliance with California's emissions requirements. Your engine is designed to operate on diesel fuel only. 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. The ARB suggests that you present your off-road engine to a Perkins dealer as soon as a problem exists.

The warranty repairs should be completed by the dealer as expeditiously as possible.

If you have any questions regarding your warranty rights and responsibilities, you should contact Perkins on 001 309 578 7296.

EMISSION CONTROL WARRANTY FOR CALIFORNIA

Perkins warrants to the ultimate purchaser and each subsequent purchaser that new nonroad diesel engines (including Tier 1 and Tier 2 marine propulsion engines < 37 kW and Tier 1 through Tier 4 marine auxiliary engines

< 37 kW, but excluding locomotive and other marine engines) operated and serviced in California, including all parts of their emission control system (emission related components), are:

1. Designed, built, and equipped so as to conform, at the time of sale, to all applicable regulations adopted by the California Air Resources Board (ARB).
2. Free from defects in materials and workmanship which cause the failure of an emission related component to be identical in all material respects to the component described in Perkins application for certification for the warranty period.

WARRANTY PERIOD

The warranty period shall be the period of years or hours of operation specified in the following table, whichever occurs first, after the date of delivery to the ultimate purchaser.

If Your Engine Is Certified as	And Its Maximum Power is	And Its Rated Speed Is	Then Its Warranty Period Is (Whichever Occurs First)
Variable Speed or Constant Speed	kW < 19	Any Speed	1,500 Hours or Two Years
Constant Speed	19 < kW < 37	3,000 rpm or Higher	1,500 Hours or Two Years
Constant Speed	19 < kW < 37	Any Speed	3,000 Hours or Five Years
Variable Speed or Constant Speed	kW > 37	Any Speed	3,000 Hours or Five Years

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. Any part repaired or replaced under warranty is warranted for the remainder of the warranty period.

WARRANTY COVERAGE

This Emission Control Warranty covers:

All components whose failure would increase the engine's emissions of any pollutant, including:

Fuel Metering System	EGR valve body	Control device enclosures and manifolding	Miscellaneous Items Used in Above Systems Vacuum, temperature, and time sensitive valves and switches
Fuel injection system	EGR rate feedback and control system	Smoke Puff Limiters	Electronic control units, sensors, solenoids, and wiring harnesses
Air Induction System	Catalyst or Thermal Reactor System	Advanced Oxides of Nitrogen (NOx) Controls	Hoses, belts, connectors, assemblies, clamps, fittings, tubing, sealing gaskets or devices, and mounting hardware
Controlled hot air intake system	Catalytic converter	Selective Catalyst Reduction	Pulleys, belts and idlers
Intake manifold	Exhaust manifold	Reductant (urea/fuel) containers/dispensing systems	Emission control information labels
Turbocharger systems	Particulate Controls	Positive Crankcase Ventilation (PCV) System	Any other part with the primary purpose of reducing emissions or that can increase emissions during failure without significantly degrading engine performance
Charge air cooling systems	Traps, filters, precipitators, and any other device used to capture particulate emissions	PCV valve	Components from any other system developed to control emissions
Exhaust Gas Recirculation (EGR) System	Regenerators, oxidizers, fuel additive devices, and any other device used to regenerate or aid in the regeneration of the particulate control device	Oil filler cap	Damages to other engine components caused by a failure under warranty of any warranted part.

This Emission Control Warranty does not cover components whose failure would not increase the engine's emissions of any pollutant.

PERKINS RESPONSIBILITIES

During the warranty period, if a defect in materials or workmanship is found which causes the failure of an emission related component to be identical in all material respects to the component as described in Perkins application for certification, Perkins will provide the following at no charge through a Perkins dealer or other source approved by Perkins:

- New, remanufactured, or repaired components (at Perkins choice) required to correct the defect.

NOTE: *emission related components replaced under warranty become the property of Perkins*

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- Reasonable or customary labour, during normal working hours, needed to correct the defect, including labour for removal and installation when necessary to make the repair

In an emergency, repairs may be performed at any service establishment, or by the user. Perkins will reimburse the user for their expenses including diagnostic charges for such emergency repair these expenses shall not exceed Perkins suggested retail price for all warranted emission related components replaced, and labour charges based on Perkins recommended time allowance for the warranty repair and the geographically appropriate hourly labour rate. An emission related component not being available within 30 days or a repair not being complete within 30 days constitutes an emergency.

USER RESPONSIBILITIES

During the warranty period the user is responsible for the following:

- Providing proof of delivery date to the ultimate purchaser.
- Parts shipping charges in excess of those that are usual and customary.
- Premium or overtime labour costs.
- Local taxes, if applicable.
- Costs to investigate complaints which are not caused by a defect in Perkins® material or workmanship.
- Providing timely notice of a warrantable failure and promptly making the product available for repair.
- The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.
- Presenting replaced emission related components and validated invoices at a place of business of a Perkins dealer or other source approved by Perkins, as a condition of reimbursement.
- Proper maintenance of the engine, at the owner's expense, including all recommended maintenance and fluid changes at scheduled intervals, and use of proper fuel, oil, lubricants, coolant, and filters.
- Perkins recommends that you retain all receipts and records covering the maintenance on your engine, but cannot deny warranty solely for the lack of receipts and records or for your failure to ensure the performance of all scheduled maintenance.

Maintenance, replacement, or repair of the emission control devices and systems may be performed by any off-road engine repair establishment or individual using certified off-road engine parts. The user should ensure that such parts are equivalent in design and durability to genuine Perkins® parts. Use of non genuine Perkins® parts does not invalidate the warranty. However, Perkins is not liable for parts that are not genuine Perkins® parts.

Limitations

In addition to any other limitations stated herein, Perkins is not responsible for failures of emission related components due to:

- Any use or installation that Perkins judges improper.
 - Attachments, systems, accessories, components or parts not sold nor approved by Perkins®.
 - The use of add-on or modified parts that are not exempted by the ARB.
 - Abuse, neglect, vandalism, or improper engine maintenance or repair, including the installation of parts or assembled components in contaminated systems.
 - Fire, accident, acts of God or other events beyond the control of Perkins.
 - User's delay in making the product available after being notified of a potential product problem.
 - Unauthorized repairs or adjustments and unauthorized fuel setting changes.
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Perkins is not responsible for damages to parts, fixtures, housings, attachments, and accessory items that are not part of the engine (including any products of other manufacturers packaged and sold by Perkins). Notwithstanding the foregoing, Perkins will cover damages to other engine components proximately caused by a failure under this warranty of any warranted part.

This Emission Control Warranty is in addition to Perkins standard warranty, applicable to the off-road diesel engine product involved.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. REMEDIES UNDER THIS WARRANTY ARE LIMITED TO THE PROVISION OF MATERIAL AND SERVICES, AS SPECIFIED HEREIN. PERKINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, EXCEPT DAMAGES TO OTHER ENGINE COMPONENTS PROXIMATELY CAUSED BY A FAILURE UNDER THIS WARRANTY OF ANY WARRANTED PART.

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