



## EPA and ARB Supplemental Emissions Warranty Statement

**YANMAR ENGINE WARRANTIES**

**EMISSION SYSTEM WARRANTY**

**EPA AND ARB SUPPLEMENTAL ENGINE EMISSION CONTROL SYSTEM WARRANTY - USA ONLY**

**Your Warranty Rights and Obligations:**

The California Air Resources Board (CARB), the United States Environmental Protection Agency (EPA) and YANMAR CO., LTD. (engine manufacturer) hereafter referred to as YANMAR, are pleased to explain the emission control system warranty on your 2019, 2020, or 2021 model year industrial compression-ignition engine, as installed in your Thermo King equipment. California-certified, new off-road compression-ignition engines must be designed, built and equipped to meet the State’s stringent anti-smog standards. In the remaining forty nine (49) states, new non-road compression-ignition engines must be designed, built and equipped to meet the United States EPA emissions standards. Thermo King 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, the air induction system, the electronic control system, EGR (Exhaust Gas Recirculation) system and the exhaust gas after treatment (diesel oxidation catalyst). Also included may be hoses, belts, connectors and other emission-related assemblies.

Where a warrantable condition exists, Thermo King will repair your off-road compression-ignition engine at no charge to you including diagnosis, parts and labor. **Manufacturer’s Warranty Period:**

2019, 2020, or 2021 model year off-road compression-ignition engines are warranted for the periods listed below. If any emission-related part on your engine is found to be defective during the applicable warranty period, the part will be repaired or replaced by Thermo King.

| <b>Yanmar Engine in Thermo King Unit Model</b>                           | <b>Power (kW)</b>        | <b>Then Its Warranty Period Is</b>   |
|--|--------------------------|--|
| TriPac, Heat King, All Self-Powered Truck Units, and All C-Series Units. | kW < 19                  | 1,500 hours or two (2) years whichever comes first. In the absence of a device to measure the hours of use, the engine has a warranty period of two (2) years.   |
| All S-Series Trailer Units.  | $19 \leq \text{kW} < 37$ | 3,000 hours or five (5) years whichever comes first. In the absence of a device to measure the hours of use, the engine has a warranty period of five (5) years. |

## Emission control system warranty - USA only - continued

### Warranty Coverage:

This warranty is transferable to each subsequent purchaser for the duration of the warranty period. Thermo King recommends that repair or replacement of any warranted part will be performed at an authorized Thermo King dealer. Warranted parts not scheduled for replacement as required maintenance in the owner's manual shall be warranted for the warranty period. Warranted parts scheduled for replacement as required maintenance in the owner's manual are warranted for the period of time prior to the first scheduled replacement. Any warranted parts scheduled for replacement as required maintenance that are repaired or replaced under warranty shall be warranted for the remaining period of time prior to the first scheduled replacement. Any part not scheduled for replacement that is repaired or replaced under warranty shall be warranted for the remaining warranty period.

During the warranty period, Thermo King is liable for damages to other engine components caused by the failure of any warranted part during the warranty period.

Any replacement part which is functionally identical to the original equipment part in all respects may be used in the maintenance or repair of your engine, and shall not reduce Thermo King's warranty obligations. Add-on or modified parts that are not exempted may not be used. The use of any non-exempted add-on or modified parts shall be grounds for disallowing a warranty.

### Warranted Parts:

This warranty covers engine components that are a part of the emission control system of the engine as manufactured by YANMAR and supplied to Thermo King and sold to the original retail purchaser. Such components may include the following:

- Fuel injection system
- Cold start enrichment system
- Intake manifold
- Exhaust manifold
- Positive crankcase ventilation system
- Exhaust Gas Recirculation (EGR) systems
- Diesel Oxidation Catalyst (DOC)
- Electronic Control Unit (ECU), sensors, solenoid, and wiring harnesses used in the above systems
- Hoses, belts, connectors, and assemblies used in above systems
- Emission Control Information labels

Since emissions related parts may vary slightly between models, certain models may not contain all of these parts, and other models may contain the functional equivalents.

## YANMAR WARRANTIES

Emission control system warranty - USA only - continued

Exclusions: Failures other than those arising from defects in material or workmanship are not covered by this warranty. The warranty does not extend to the following: malfunctions caused by abuse, misuse, improper adjustment, modification, alteration, tampering, disconnection, improper or inadequate maintenance, or use of non-recommended fuels and lubricating oils; accident-caused damage and replacement of expendable items made in connection with scheduled maintenance. YANMAR disclaims any responsibility for incidental or consequential such as loss of time, inconvenience, loss of use of equipment/engine or commercial loss.

### Owner's Warranty Responsibilities:

As the off-road compression-ignition engine owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Thermo King recommends that you retain all documentation, including receipts, covering maintenance on your off-road compression-ignition engine, but Thermo King cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

Thermo King may deny your warranty coverage if your off-road compression-ignition 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 CARB and EPA emissions requirements.

You are responsible for initiating the warranty process. You are responsible for presenting your engine to an authorized Thermo King dealer as soon as a problem exists. The warranty repairs should be completed by the Thermo King dealer as expeditiously as possible. For warranty related questions or support, please contact your local Thermo King Dealer.