

Emission Control System Warranty Statement

Marine gasoline sterndrive engines
Supplement to Operator's Manual
(USA/ Canada)

Marine engines

This Emission Control System Warranty Statement applies only to engines sold for use in USA / Canada or California that are in conformity with US EPA or California ARB Model Year 2022 regulations.

General statement

To retain the dependability, noise and exhaust emission control originally built into all Volvo Penta engines, it is essential that the engines are installed according to the Volvo Penta installation instructions and receive periodic maintenance according to the maintenance instructions. You are encouraged to install an hour meter on the engine or vessel. Such an instrument is an important aid to monitoring correct service intervals and emission control maintenance.

U.S. EPA Emission Control Warranty Statement

Your emission control warranty rights and obligations

Volvo Penta is pleased to explain the emission control system warranty on your 2022 or later stern drive engine. Your new sterndrive engine is designed, built and equipped to meet the U.S. EPA's stringent anti-smog standards. Volvo Penta warrants the emission control system on your sterndrive engine for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your stern drive engine.

Your emission control system may include parts such as the carburetor or fuel injection system, the ignition system, and the catalytic converter. Also included may be hoses, belts, connectors and other emission-related assemblies. Where a warrantable condition exists, Volvo Penta will repair your sterndrive engine at no cost to you, including diagnosis, parts and labor.

Manufacturer's warranty coverage

Select emission control parts from 2010 or later sterndrive engines are warranted for 3 years or 480 hours, whichever first occurs. (If your engine is not equipped with an hour meter, then the warranty period is 3 years). If any emission-related part on your engine is defective under the warranty, the part will be repaired or replaced by Volvo Penta.

Owner's warranty responsibilities

– As the sterndrive engine owner, you are responsible for the performance of the required maintenance listed in your operator's manual. Volvo Penta recommends that you retain all receipts covering maintenance on your sterndrive engine, but Volvo Penta cannot deny warranty solely for the lack of receipts or your failure to ensure the performance of all scheduled maintenance.

– As the sterndrive engine owner, you should however be aware that Volvo Penta may deny you warranty coverage if your stern-drive engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

– You are responsible for presenting your sterndrive engine to a Volvo Penta authorized dealer as soon as a problem exists. The warranty repairs will be completed in a reasonable amount of time, not to exceed 30 days.

If you have any questions regarding your warranty rights and responsibilities, you should contact Volvo Penta Consumer Affairs Department at Volvo Penta of the America's, 1300 Volvo Penta Drive, Chesapeake, VA 23320. Our telephone number is 1-866-273-2539. Our facsimile number is 1-757-436-5150.

General emissions warranty coverage

Volvo Penta warrants to the ultimate purchaser and each subsequent purchaser within the original warranty period that the engine is:

Designed, built and originally equipped so as to conform to all applicable regulations adopted by the United States Environment Protection Agency pursuant to its authority in Section 1045.120, Volume 73, No. 196 of the Federal Register; and

Free from defects in materials and workmanship that may keep it from meeting the requirements set forth above.

The warranty period is for 3 years and begins on the date the engine is first placed in service.

What is covered by the emission control system warranty

The following is a list of items that are a part of the Emission Control Systems and are covered by the Emission Warranty:

IMPORTANT! Emission related parts requiring scheduled maintenance are warranted until their first scheduled replacement point for that part.

Parts that are covered under the emission control warranty are:

- 1) Fuel metering system
 - a) Fuel injection system
 - b) Air/fuel ratio feedback and control system
 - i. Oxygen sensors
 - c) Cold start enrichment system
 - d) Intake valve(s)
- 2) Ignition system
 - a) Spark plugs
 - b) Electronic ignition system
 - c) Ignition coil and/or control module
 - d) Ignition wires
 - e) Spark advance / retard system
- 3) Positive crankcase ventilation system
 - a) PCV valve
 - b) Oil filler cap
- 4) Lubrication System
 - a) Oil pump and internal parts
- 5) Air induction system
 - a) Intake manifold
- 6) Exhaust System
 - a) Catalytic converter
 - b) Exhaust manifold
 - c) Exhaust valve(s)
- 7) Miscellaneous items used in the above systems (if applicable for your engine type)
 - a) Hoses, clamps, fittings, tubing, sealing gaskets or devices, and mounting hardware
 - b) Vacuum, temperature, check and time sensitive valves and switches
 - c) Electronic controls
- 8) Emissions Control Information Label

Additional Information

- Any warranted part that is not scheduled for replacement as required maintenance in written instructions is warranted for 3 years or 480 hours, whichever first occurs.
- Any warranted part that is scheduled only for regular inspection in written instruction is warranty for 3 years or 480 hours, whichever first occurs. Any such part repaired or replaced under warranty is warranted for the remaining warranty period.
- Any warranted part that is scheduled for replacement as required maintenance in written instructions is warranted for the period of time before the first scheduled replacement date for that part. If the part fails before the first scheduled replacement, the part will be repaired or replaced under warranty, and the replacement part will be warranted for the remainder of the period prior to the first scheduled replacement point for the part.
- Repair or replacement of any covered part under this warranty must be performed by any authorized Volvo Penta dealer.
- Repair or replacement of any covered part under this warranty will be performed at no charge to the owner.
- The owner will not be charged for diagnostic labor that is directly associated with diagnosis of a defective, emissions-related warranted part, provided that such diagnostic work is performed at an authorized Volvo Penta dealer.
- Volvo Penta will repair or replace, at no charge to the owner, damage to other engine components proximately caused by a failure under warranty of any warranted part.
- Volvo Penta will maintain a supply of replacement parts sufficient to meet the expected demand for parts covered by this warranty.
- Volvo Penta will use only approved or genuine Volvo Penta parts in the performance of its obligations under this warranty.

What is not covered by the warranty

- This warranty does not cover any of the following:
- Malfunctions in any part caused by any of the following: accident, misuse, abuse, improper adjustments, modifications, alteration, tampering, disconnection, improper maintenance, or use of fuels not recommended for the engine as described in the Operator's Manual. Volvo Penta must be able to demonstrate that the engine has been misused, abused, improperly adjusted, modified, etc, and that such condition was the direct cause of the malfunctions in the part.
- Add-on or modified parts may not be used. The use of any non-exempted add-on or modified parts will be grounds for disallowing a warranty claim made in accordance with this article. Volvo Penta will not warrant failures of warranted parts caused by the use of a non-exempted add-on or modified part.
- Consequential damage such as loss of time, inconvenience, loss of use of machine or vessel, engine or commercial loss.

California Emission Control Warranty Statement

Your warranty rights and obligations

The California Air Resources Board and Volvo Penta are pleased to explain the emission control system warranty on your 2022 sterndrive engine. In California, new sterndrive engines must be designed, built and equipped to meet the State's stringent anti-smog standards. Volvo Penta must warrant the emission control system on your sterndrive engine for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your sterndrive engine.

Your emission control system may include parts such as the carburetor or fuel injection system, the ignition system, and catalytic converter. Also included may be hoses, belts, connectors and other emission-related assemblies.

Where a warrantable condition exists, Volvo Penta will repair your sterndrive engine at no cost to you, including diagnosis, parts and labor.

Manufacturer's warranty coverage

Select emission control parts from model year 2009 and later sterndrive engines are warranted for 3 years or 480 hours, whichever first occurs. However, warranty coverage based on the hourly period is only permitted for engines that are equipped with hour meters as defined in § 2441(a)(13) or their equivalent. If any emission-related part on your engine is defective under warranty, the part will be repaired or replaced by Volvo Penta.

Owner's warranty responsibilities

- As the sterndrive engine owner, you are responsible for the performance of the required maintenance listed in your operator's manual. Volvo Penta recommends that you retain all receipts covering maintenance on your sterndrive engine, but Volvo Penta cannot deny warranty solely for the lack of receipts or your failure to ensure the performance of all scheduled maintenance.
- As the sterndrive engine owner, you should however be aware that Volvo Penta may deny you warranty coverage if your sterndrive engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.
- You are responsible for presenting your sterndrive engine to a Volvo Penta authorized dealer as soon as a problem exists. The warranty repairs will be completed in a reasonable amount of time, not to exceed 30 days.

If you have any questions regarding your warranty rights and responsibilities, you should contact Volvo Penta Customer Relations Department at Volvo Penta of the Americas, 1300 Volvo Penta Drive, Chesapeake, VA 23320. Our telephone number is 1-866-273-2539.

General emissions warranty coverage

Volvo Penta warrants that the engine is:

Designed, built and equipped so as to conform with all applicable regulations adopted by the Air Resources Board pursuant to its authority in Chapters 1 and 2, Part 5, Division 26 of the Health and Safety Code; and

Free from defects in materials and workmanship that cause the failure of a warranted part to be identical in all material respects to that part as described in the engine manufacturer's application for certification.

The warranty period shall begin on the date the vessel is first delivered to the ultimate purchaser, or if the vessel is placed in service for demonstration purposes prior to sale at retail on the date the engine is first placed in service.

Any warranted part which is not scheduled for replacement as required maintenance shall be warranted for the warranty period defined above. If any such part fails during the period of warranty coverage, it will be repaired or replaced under warranty. Any such part repaired or replaced under the warranty shall be warranted for the remaining warranty period.

Any warranted part which is scheduled for replacement as required maintenance shall be warranted for the period of time prior to the first scheduled replacement point for that part. If the part fails prior to the first scheduled replacement, the part shall be repaired or replaced by the engine manufacturer under warranty. Any such part repaired or replaced under warranty shall be warranted for the remainder of the period prior to the first scheduled replacement point for the part.

Repairs and service covered by the warranty will be performed by an authorized Volvo Penta distributor or dealer with no charge for parts or labor, including diagnosis, using Volvo Penta parts for any part of the emission control system covered by the warranty and found defective.

Damage to other engine components caused by the failure of a warranted part under warranty will be covered by Volvo Penta.

Volvo Penta is required by California regulations to maintain a supply of warranted parts sufficient to meet the expected demand for such parts during the warranty period for the engines covered by this warranty.

Use of replacement parts which are not of equivalent quality may impair the effectiveness of emission control systems. If other than Volvo Penta parts are used for maintenance, the owner should obtain assurance that such parts are warranted by their manufacture to be equivalent to genuine Volvo Penta parts. However, the use of other than Volvo Penta replacement parts does not invalidate the warranty on other components unless such parts cause damage to warranted parts. Use of any add-on or modified parts that are not exempted from anti-tampering laws by the California Air Resources Board may reduce or eliminate your warranty coverage. The use of any non-exempted add-on or modified parts shall be grounds for disallowing a warranty claim. Volvo Penta is not liable to warrant failures of warranted parts caused by the use of a non-exempted add-on or modified part.

V O L V O P E N T A

The warranty does not cover consequential damage such as loss of time, inconvenience, loss of use of vessel or commercial loss.

The following is a list of items that are considered a part of the Emission Control Systems and are covered by the Emission Warranty when installed as original equipment by Volvo Penta on engines which were built to conform to Environmental Protection Agency regulations and regulations of the California Air Resources Board:

Parts that are covered under the emission control warranty are:

- 1) Fuel metering system
 - a) Fuel injection system
 - b) Air/fuel ratio feedback and control system
 - i. Oxygen sensors
 - c) Cold start enrichment system
 - d) Intake valve(s)
- 2) Ignition system
 - a) Spark plugs
 - b) Electronic ignition system
 - c) Ignition coil and/or control module
 - d) Ignition wires
 - e) Spark advance / retard system
- 3) Positive crankcase ventilation system
 - a) PCV valve
 - b) Oil filler cap
- 4) Lubrication System
 - a) Oil pump and internal parts
- 5) Air induction system
 - a) Intake manifold
- 6) Exhaust System
 - a) Catalytic converter
 - b) Exhaust manifold
 - c) Exhaust valve(s)
- 7) Miscellaneous items used in the above systems (if applicable for your engine type)
 - a) Hoses, clamps, fittings, tubing, sealing gaskets or devices, and mounting hardware
 - b) Vacuum, temperature, check and time sensitive valves and switches
 - c) Electronic controls

V O L V O P E N T A

