

Warranty Information North America

Marine Gasoline Engines and Power Packages Marine Diesel Engines and Power Packages Parts and Accessories

- Includes:***
- ***California Emission Control Warranty Statement***
 - ***Pre-Delivery and First Service Checklists for Gasoline and Diesel Engines***
 - ***New Boat Commissioning and Repower Checklists for Diesel engines***
 - ***Registration Update Form***

**VOLVO
PENTA®**



Volvo Penta of the Americas, Inc.

1300 Volvo Penta Drive
Chesapeake, VA 23320

PRODUCT AND APPLICATION INFORMATION

Please complete this section for future reference.

Delivery date _____

Engine serial number _____

Drive / Transmission model _____

Drive / Transmission serial number _____

Transom shield assembly serial number _____

Boat manufacturer _____ Boat year _____

Boat model _____ Boat length _____

Hull ID number (HIN) _____

State / Province registration number _____

Propeller size _____

Selling dealer _____

Servicing dealer _____

It is very important that you obtain all serial numbers directly from serial number plates attached to product assemblies.

Check your Operator's Manual or Instruction Book for the location of product serial number plates.

QUALITY – DURABILITY – VALUE

Quality. Durability. Value. These are not only the goals of every Volvo Penta employee — they're our commitment to you, the Volvo Penta owner. From engineering design and manufacturing to support activities in Parts, Service, and Sales, we have set ourselves high standards to ensure your satisfaction as the owner of a Volvo Penta product.

The coverage detailed in this Warranty Booklet demonstrates the confidence and quality commitment we have in our product. Take the time to review your responsibilities as an owner, as well as Volvo Penta's obligations and responsibilities under the terms of your limited warranty. Your Operator's Manual fully explains the operation and required maintenance of your Volvo Penta power package; it should be reviewed by you and others who operate your boat.

Volvo Penta on the Web
www.volvopenta.com

Dealer Locator Number

For the name of your nearest authorized Volvo Penta Dealer consult your yellow pages, call toll free 1-800-522-1959 (USA only), or www.volvopenta.com.

Volvo Action Service (VAS)

In the event that your engine breaks down, the VAS coordinator will quickly locate the nearest dealer. If you need a tow, parts, or a mechanic, the VAS coordinator will make all arrangements necessary to get you back underway as soon as possible.

Membership to Volvo Action Service is provided automatically to all Volvo Penta engine owners. As long as your Volvo Penta engine is under factory warranty, this service is provided absolutely free for Volvo Penta warranty related repairs. Towing is not covered by the Volvo Penta warranty. Once your warranty period has expired, there is a charge of *\$50.00 (USD) per managed breakdown, plus any additional costs incurred for towing, parts, or repairs.

If you have any questions regarding Volvo Action Service, or need additional information, please call toll-free 1-877-33-PENTA.

* Price subject to change without notice.

Transfer of Ownership

The Volvo Penta Engine and Power Package Limited Warranty is fully transferable to subsequent owners at no charge. If there is a change of ownership or address, complete the Product Registration Update Form located in the back of this booklet and forward to Volvo Penta.

If You Have a Problem

Your satisfaction with our products and dealer services is vital. Volvo Penta takes pride in producing durable, reliable products, and our efforts are supported by a strong dealer network. If you have questions about service or your product's performance, your Volvo Penta dealer will be happy to answer them. There may be times, though, that, in spite of the best intentions, differences develop between a boat owner and a dealer. If this happens to you, Volvo Penta and your dealer will work together to pursue a reasonable resolution.

If you experience a problem with your Volvo Penta product:

Maintain a written record of events (the problem, related conversations/with whom, important dates, etc.), as well as any supporting documents (invoices, work orders, etc.). Then, take the following steps:

1. Discuss the matter with the appropriate department manager at the dealership (e.g., Service Manager, Parts Manager, etc.). Explain exactly what caused the problem and ask what action will be taken.

If the matter remains unresolved after a reasonable amount of time:

2. Discuss the matter with the Dealer Principal (usually the owner or co-owner of the dealership). Explain what occurred in step 1.

If the matter is not resolved within a reasonable amount of time:

3. Contact the Consumer Affairs Department at:

Volvo Penta of the Americas, Inc.
1300 Volvo Penta Drive
Chesapeake, VA 23320
(757) 436-5100
(757) 436-5150 FAX

Volvo Penta Canada
7972 Enterprise Street
Burnaby, BC V5A 1V7
(604) 872-7511
(604) 872-4606 FAX

Please be prepared to provide the following information:

- Your name, address, and daytime telephone number.
- The Volvo Penta product model and serial number for each major component in the power package (engine, transom shield, drive, or transmission). Check your operator's manual for the serial number plate location.
- Date of purchase.
- Current engine operating hours.
- Selling and/or Servicing Dealer's name.
- Description of the problem.

Volvo Penta Extended Protection* Program

Owners of Volvo Penta engines or power packages used in leisure applications may be eligible to purchase an extended protection program. Volvo Penta Extended Protection provides comprehensive mechanical breakdown repair cost protection for Volvo Penta gasoline and diesel power systems and for any optional component package selected. Policyholders will be covered for the repairs outlined in the agreement with only a small deductible per repair. Volvo Penta Extended Protection is available to recreational (leisure) boat owners for purchase any time during the first 12 months of the original warranty period. Volvo Penta Extended Protection may not be available in all market areas. See your authorized Volvo Penta Dealer or call Volvo Penta Extended Protection Offices at 1-800-235-7549.

*Volvo Penta Extended Protection is an insurance program and may be administered by a Company other than Volvo Penta. Covered components may vary from the Volvo Penta Limited Warranty. Read your contract carefully.



CALIFORNIA EMISSION CONTROL LIMITED WARRANTY STATEMENT

YOUR EMISSION CONTROL WARRANTY RIGHTS AND OBLIGATIONS

The California Air Resources Board and Volvo Penta are pleased to explain the emission control system warranty on your inboard or sterndrive engine. In California, new inboard or 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 inboard or sterndrive engine for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your inboard or sterndrive engine.

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

MANUFACTURER'S LIMITED WARRANTY COVERAGE

Select emission control parts from model year 2003-2008 inboard or sterndrive engines are warranted for 2 years.

If any emission-related part on your engine is defective under warranty, the part will be repaired or replaced by Volvo Penta.

This emission control system limited warranty covers new Volvo Penta gasoline inboard and sterndrive engines certified and produced by Volvo Penta of the Americas that are originally registered to a California resident. The Volvo Penta Marine Gasoline Engine and Power Package Limited Warranty is still applicable to these models with the necessary modifications.

GENERAL EMISSIONS WARRANTY COVERAGE

Volvo Penta warrants to the initial owner and each subsequent purchaser that the gasoline inboard or sterndrive 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 is free from defects in materials and workmanship which cause the failure of a warranted part for a period of two (2) years. Volvo Penta is liable for damages to other engine components caused by the failure of a warranted part still under warranty. This warranty time period shall begin on the date of delivery to the first retail purchaser or from the date put into service as a dealer demonstrator. All repairs (except for those listed under *What is Not Covered by the Warranty*) will be made by an authorized Volvo Penta Service Dealer at no charge if the problem occurred and was reported to Volvo Penta or one of its authorized service centers during the warranty period

Parts that are covered under the emission control warranty are:

1. Fuel metering system	3. Positive crankcase ventilation system
a. Carburetor and internal parts	a. PCV valve
b. Fuel injection system and fuel pressure regulator	
	4. Air induction system
2. Ignition system	a. Intake manifold
a. Spark plugs- if failure occurs before the first required scheduled replacement	
b. Electronic ignition system	5. Miscellaneous items used in the above systems
c. Ignition coil and/or control module	a. Hoses, clamps, fittings, tubing, and sealing gaskets
d. Ignition wires	

WHAT IS NOT COVERED BY THE WARRANTY

This warranty does not cover any of the following:

- repair or replacement required as a result of misuse, neglect, accident, improper application; or that has been improperly installed, operated, or maintained.
- damage that is the result of rust, corrosion, or water entry through the intake or exhaust system.
- any Volvo Penta product that has been used for racing or in preparation for racing; has been altered or modified so as to adversely affect its operation, performance, or durability; or that has been altered or modified to change its intended use.
- costs to modify fuel systems to meet local altitude requirements.
- repairs made necessary by normal wear and tear, or by the use of parts, accessories, lubricants, or fuels which, in the reasonable judgment of Volvo Penta, are either incompatible with the Volvo Penta product or adversely affect its operation, performance, or durability.
- travel to or from the product by the servicing dealer or transportation of the product to and from the servicing dealer; charges for towing, haul-out, launch, storage, fuel or lubricant usage; rental costs of any type; and excessive time necessary to remove boat partitions, hatches or decks to gain service access, or any other incidental or consequential expenses including loss of use, loss of income, or inconvenience.
- replacement of parts or normal maintenance items and/or routine adjustments included in or after first service inspection.

OWNER'S WARRANTY RESPONSIBILITIES

- As the inboard or 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 inboard or 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 inboard or sterndrive engine owner, you should however be aware that Volvo Penta may deny you warranty coverage if your inboard or sterndrive engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.
- You are responsible for presenting your inboard or 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 1-757-436-5100.

LIMITATION AND DISCLAIMER OF IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS

TO THE EXTENT PERMITTED BY APPLICABLE LAWS:

1. VOLVO PENTA DOES NOT MAKE ANY IMPLIED WARRANTY OF MERCHANTABILITY AS TO ANY PRODUCT OR PART, WHETHER OR NOT THAT PRODUCT OR PART IS COVERED BY ANY EXPRESS WARRANTY CONTAINED HEREIN;
2. VOLVO PENTA DOES NOT MAKE ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF;
3. IN THOSE JURISDICTIONS WHERE IMPLIED WARRANTIES MAY NOT BE DISCLAIMED, ANY IMPLIED WARRANTY IS LIMITED IN DURATION TO THE DURATION OF THE EXPRESS WARRANTIES DESCRIBED IN THIS WARRANTY STATEMENT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

REMEDIES AND EXCLUSION OF CERTAIN DAMAGES

Where a warrantable condition exists, Volvo Penta will repair your inboard or sterndrive engine at no cost to you, including diagnosis, parts and labor. Repairs will be made within a reasonable period of time, not to exceed 30 days, during the dealer's normal business hours. Parts replacement will be made using genuine new or remanufactured Volvo Penta parts. Any replacement parts provided by Volvo Penta during the warranty period are entitled to the remaining warranty coverage only. Any part or parts replaced under this warranty become the property of Volvo Penta.

THE REPAIR AND REPLACEMENT REMEDIES DESCRIBED IN THIS EMISSION CONTROL SYSTEMS WARRANTY STATEMENT ARE THE OWNER'S SOLE AND EXCLUSIVE REMEDY. IN NO EVENT SHALL VOLVO PENTA BE LIABLE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. THE TERMS, LIMITATIONS AND DISCLAIMERS CONTAINED IN THIS EMISSION CONTROL SYSTEM LIMITED WARRANTY, AS WELL AS THOSE DOCUMENTS PREPARED IN CONJUNCTION WITH THE SALE OF VOLVO PENTA PRODUCTS, MAY NOT BE MODIFIED, ALTERED, OR WAIVED BY ANY ACTION, INACTION OR REPRESENTATIONS, WHETHER ORAL OR IN WRITING, EXCEPT UPON THE EXPRESSED, WRITTEN AUTHORITY OF A MANAGEMENT LEVEL EMPLOYEE OF VOLVO PENTA.

This California Emission Control System limited warranty is effective on or after June 15, 2006.* *Leisure-use* is defined by Volvo Penta as engines or power packages exclusively intended for leisure craft application and used only for the owner's personal recreation and are non-revenue generating. It excludes government, commercial or business use, whether defined as income producing or for tax considerations.



Volvo Penta of the Americas, Inc.

1300 Volvo Penta Drive
Chesapeake, VA 23320

MARINE GASOLINE ENGINE AND POWER PACKAGE LIMITED WARRANTY

What is Warranted

Leisure use* - Volvo Penta of the Americas, Inc. warrants that new, marine gasoline power packages will be free from defects in material or workmanship for a period of two years. There are no hour limitations for leisure-use. This two-year warranty is limited to complete power packages (engine, transom shield, sterndrive, Volvo Penta branded marine transmissions, jackshafts, and engine accessories) in leisure-use* as defined by Volvo Penta. The two-year warranty is limited to power packages of less than 450 propeller shaft horsepower each. Engine-only packages (new engines sold without transom shields, sterndrives, or Volvo Penta branded transmissions) or power packages greater than 450 propeller shaft horsepower are warranted for a period of one year.

Commercial use - Volvo Penta of the Americas, Inc. warrants that new, marine gasoline power packages under 400 propeller shaft horsepower placed in commercial-use will be free from defects in material or workmanship for a period of six (6) months or 400 operational hours, whichever occurs first. Engines and power packages greater than 400 propeller shaft horsepower are not approved by Volvo Penta for commercial-use and are not warranted.

Select emission control components on new engines are warranted in the State of California for two years with no limitation to hours. Refer to the California Emission Control Warranty Statement for additional information.

The warranty commences on the date of delivery to the first retail purchaser or when the Product has been operated for 25 hours, whichever occurs first and applies only to warranted defects first arising and reported to Volvo Penta or one of its authorized service centers during the applicable warranty period. During the warranty period, the warranty is fully transferable to subsequent owners. Volvo Penta products are eligible for this warranty only if registered with Volvo Penta. Submission of the Warranty Registration Form or other suitable proof of ownership is required for registration and is required to obtain warranty coverage.

LIMITATION AND DISCLAIMER OF IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS

TO THE EXTENT PERMITTED BY APPLICABLE LAWS:

- 1. VOLVO PENTA DOES NOT MAKE ANY IMPLIED WARRANTY OF MERCHANTABILITY AS TO ANY PRODUCT OR PART, WHETHER OR NOT THAT PRODUCT OR PART IS COVERED BY ANY EXPRESS WARRANTY CONTAINED HEREIN;**
- 2. VOLVO PENTA DOES NOT MAKE ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF;**
- 3. IN THOSE JURISDICTIONS WHERE IMPLIED WARRANTIES MAY NOT BE DISCLAIMED, ANY IMPLIED WARRANTY IS LIMITED IN DURATION TO THE DURATION OF THE EXPRESS WARRANTIES DESCRIBED IN THIS WARRANTY STATEMENT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.**

What is Not Covered by the Warranty

This warranty does not cover any of the following:

- any Volvo Penta product that has been subject to misuse, neglect, accident; or that has been improperly installed, operated, or maintained.
- damage that is the result of rust, corrosion, water entry through the intake or exhaust system, or prolonged or improper storage.
- damage that is the result of running aground.
- damage that is the result of sand, debris, or any other foreign material being drawn into the water pump and its components.
- any Volvo Penta product that is damaged as a result of stray-current corrosion or galvanic corrosion that results from the lack of maintenance of, and/or use of incorrect sacrificial anodes.
- any Volvo Penta product that has been used for racing or in preparation for racing; has been altered or modified so as to adversely affect its operation, performance, or durability; or that has been altered or modified to change its intended use.
- costs to modify fuel systems or gear ratios needed to meet local altitude requirements or the changing of sacrificial anodes when going between fresh and saltwater operation.
- repairs made necessary by normal wear and tear, or by the use of parts, accessories, lubricants, or fuels, which in the reasonable judgment of Volvo Penta, are either incompatible with the Volvo Penta product or adversely affect its operation, performance, or durability.
- Any failure of components damaged by the use of modified or cupped propellers.

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- travel to or from the product by the servicing dealer or transportation of the product to and from the servicing dealer; charges for towing, haul-out, launch, storage, fuel or lubricant usage, premium (air or overnight) freight charges; rental costs of any type; and excessive time necessary to remove boat partitions, hatches or decks to gain service access or any other incidental or consequential expenses including loss of use of the engine, drive train or boat, loss of income, or inconvenience.
- repairs to non-Volvo Penta branded marine transmissions, jackshafts, and engine accessories.
- pre-delivery inspection labor and any parts expense, normal maintenance items and/or routine adjustments included in First Service Inspection, or the First Service Inspection (Dealer 20 Hour Check) labor and any parts expense.

Owner's Responsibility

As the Volvo Penta 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 engine. This record of proper maintenance may be required to determine warranty coverage on certain repairs and should be transferred to each subsequent owner. Volvo Penta cannot deny warranty solely for the lack of receipts or your failure to ensure the performance of all scheduled maintenance.

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

You are responsible for presenting your Volvo Penta engine to a Volvo Penta authorized dealer as soon as a problem exists. You shall use all reasonable means to protect the Product from further damage. The warranty repairs will be completed in a reasonable amount of time.

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 1-757-436-5100.

Other Information

This warranty is only valid for vessels registered and/or normally operated within the United States, Canada, and other selected areas including Bermuda, Puerto Rico, Bahamas, Turks and Caicos, U. S. Virgin Islands, St. Maarten, Saba, St. Eustatius, St. Kitts, Nevis, Barbuda, Antigua, Monserrat, Grand Cayman, Saipan, and Guam. The warranty (if any) for vessels operated outside these areas is described in the AB Volvo International Warranty statement. Copies of the International Warranty Statement are available from Volvo Penta Consumer Relations Department.

Note: Outside the U.S. and Canada, there may be additional charges based on local practices and conditions. These charges may include, but are not limited to; freight, insurance, taxes, import duties, and/or other financial charges, including those levied by local governments and their respective agencies. These charges are not covered by the Volvo Penta Limited Warranty and are the responsibility of the retail purchaser.

Volvo Penta reserves the right to change or improve the design of any Volvo Penta product without assuming any obligation to modify any Volvo Penta product previously manufactured.

To obtain copies of this warranty, please contact Volvo Penta of the Americas, Inc. at the address listed on page 4 of this document.

REMEDIES AND EXCLUSION OF CERTAIN DAMAGES

Any part of the Volvo Penta engine or power package that is covered by this warranty and that is found in the reasonable judgment of Volvo Penta to be defective in materials or workmanship will be repaired or replaced at Volvo Penta's option. If a problem occurs, the owner must bring the product to an authorized Volvo Penta Service Dealer in a timely manner. All repairs (except for those listed under *What is Not Covered by the Warranty*) will be made by an authorized Volvo Penta Service Dealer at no charge during the warranty period. Repairs will be made within a reasonable period of time during the dealer's normal business hours. Parts replacement will be made using genuine new or remanufactured Volvo Penta parts. Volvo Penta's responsibility with respect to warranty claims is limited to making the required repairs or replacements. All parts will be shipped via standard ground methods. Engines or parts provided under this warranty assume the identity of the engine or part being replaced, and are entitled to the remaining warranty coverage only.

THE REPAIR AND REPLACEMENT REMEDIES DESCRIBED IN THIS WARRANTY STATEMENT ARE THE OWNER'S SOLE AND EXCLUSIVE REMEDY. IN NO EVENT SHALL VOLVO PENTA BE LIABLE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. THE TERMS, LIMITATIONS AND DISCLAIMERS CONTAINED IN THIS LIMITED WARRANTY, AS WELL AS THOSE DOCUMENTS PREPARED IN CONJUNCTION WITH THE SALE OF VOLVO PENTA PRODUCTS, MAY NOT BE MODIFIED, ALTERED, OR WAIVED BY ANY ACTION, INACTION OR REPRESENTATIONS, WHETHER ORAL OR IN WRITING, EXCEPT UPON THE EXPRESSED, WRITTEN AUTHORITY OF A MANAGEMENT LEVEL EMPLOYEE OF VOLVO PENTA.

* *Leisure-use* is defined by Volvo Penta as engines or power packages exclusively intended for pleasure craft application and used only for the owner's personal recreation and are non-revenue generating. It excludes government, commercial or business use, whether defined as income producing or for tax considerations.

This limited warranty applies to all products delivered from Volvo Penta of the Americas after the revised effective date of June 15, 2006.



MARINE DIESEL ENGINE (D4, D6 and 6 to 16 LITER) POWER PACKAGE *LIMITED WARRANTY*

What is Warranted

Leisure Use - Volvo Penta of the Americas, Inc., warrants that new, leisure-use* marine diesel power packages (engine, transom shield, sterndrive, Volvo Penta branded marine transmission, Inboard Performance System, jackshaft and engine accessories) will be free from defects in material or workmanship for a period of two years. In addition, the following engine components are warranted for a total of five years or 2,400 operating hours from date of delivery, whichever comes first: cylinder block casting, crankshaft forging, connecting rods, camshaft forging, front transmission cover, flywheel housing, intake manifold, exhaust manifold, fresh water pump housing, and oil pan. During the third, fourth and fifth years of the warranty period, parts that are damaged by non-covered parts are not covered by this warranty. D4 and D6 engine packages (engine, transom shield, sterndrive, Volvo Penta branded marine transmission, Inboard Performance System, jackshaft and engine accessories) with rating 5*** when used in a charter application of six or fewer passengers are warranted for a period of one year or 800 hours, whichever occurs first with no additional component warranty beyond this period.

Commercial Use - Volvo Penta of the Americas, Inc., warrants that new approved** commercial-use marine diesel power packages (engine, transom shield, sterndrive, Volvo Penta branded marine transmission, Inboard Performance System, jackshaft and engine accessories) will be free from defects in material or workmanship for a period of one year with no hour limitations for ratings 1, 2 and 3.*** Engine packages with rating 4*** will be free from defects in material or workmanship for a period of one year or 800 hours whichever occurs first. In addition to the base engine warranty, the following base engine components are warranted for an additional two years or 6,000 hours on engines with ratings 1, 2 and 3***, or two years or 2,400 hours on engines with rating 4***, whichever occurs first: cylinder block casting, crankshaft forging, connecting rods, camshaft forging, front transmission cover, flywheel housing, intake manifold, exhaust manifold, fresh water pump housing, and oil pan. During the second and third year of the warranty period, parts that are damaged by non-covered parts are not covered by this warranty. Rating 5*** is not approved for, or warranted for use in commercial applications as defined by the U.S. EPA. The warranty for sterndrives/transmissions/IPS used in commercial applications is one year or 800 hours whichever occurs first.

The warranty commences on the date of delivery to the first retail purchaser or when the Product has been operated for 100 hours, whichever occurs first and applies only to warranty defects first arising and reported to Volvo Penta or one of its authorized service centers during the applicable warranty period. During the warranty period, the warranty is fully transferable to subsequent owners. Volvo Penta products are eligible for this warranty only if registered with Volvo Penta. Submission of the Warranty Registration Form or other suitable proof of ownership is required for registration and is required to obtain warranty coverage.

LIMITATION AND DISCLAIMER OF IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS

TO THE EXTENT PERMITTED BY APPLICABLE LAWS:

- 1. VOLVO PENTA DOES NOT MAKE ANY IMPLIED WARRANTY OF MERCHANTABILITY AS TO ANY PRODUCT OR PART, WHETHER OR NOT THAT PRODUCT OR PART IS COVERED BY ANY EXPRESS WARRANTY CONTAINED HEREIN;**
- 2. VOLVO PENTA DOES NOT MAKE ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF;**
- 3. IN THOSE JURISDICTIONS WHERE IMPLIED WARRANTIES MAY NOT BE DISCLAIMED, ANY IMPLIED WARRANTY IS LIMITED IN DURATION TO THE DURATION OF THE EXPRESS WARRANTIES DESCRIBED IN THIS WARRANTY STATEMENT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.**

What is Not Covered by the Warranty

This warranty does not cover any of the following:

- Bosch fuel injection equipment or Bosch electrical components. These items are warranted separately by the Robert Bosch Corp. The Robert Bosch warranty is available at www.boschservice.com.
- marine transmissions and other components that are not branded by Volvo Penta. These components may be warranted by their respective manufacturers.
- any Volvo Penta product that has been subject to misuse; neglect, accident or that has been improperly installed, operated or maintained.
- damage that is the result of rust, corrosion, water entry through the intake or exhaust system, or prolonged or improper storage.
- damage that is the result of running aground.
- damage that is the result of sand, debris, or any other foreign material being drawn into the water pump or cooling system components.
- any Volvo Penta product that is damaged as a result of stray-current corrosion or galvanic corrosion that results from lack of maintenance of, or use of, incorrect anodes.
- any Volvo Penta product that has been used for racing or in the preparation for racing; has been altered or modified so as to adversely affect its operation, performance or durability or that has been altered or modified to change its intended use.
- repairs made necessary by normal wear and tear, or by the use of parts, accessories, lubricants or fuels which, in the reasonable judgment of Volvo Penta, are either incompatible with the Volvo Penta product or adversely affect its operation, performance or durability.

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- travel to or from the product by the servicing dealer or transportation of the product to and from the servicing dealer; charges for towing, haul-out, launch, storage, fuel or lubricant usage, premium (air or overnight) freight charges; rental costs of any type; and excessive time necessary to remove boat partitions, hatches or decks to gain service access. This warranty does not cover other incidental or consequential expenses including loss of use of the engine, drive train or boat, loss of income, or inconvenience.
- Component or product wear out. The wear rate on any engine or part will vary with operating conditions and environment. Operating conditions such as load, quality of air, fuel, oil, oil and air filters have a direct relationship to the wear rate and life of the engine or part.
- parts that are damaged by non-covered parts.
- The first service inspection labor and any parts expense.
- failures that are the result of the using of an incorrect gear ratio or transmission that is not approved for use by Volvo Penta.

Note: Warranty travel time allowance for leisure or commercial-use is limited to 250 miles and 5 hours per roundtrip repair from the nearest servicing Volvo Penta Diesel Dealer during the first two years only. There is no travel allowance after the initial two years.

Owner's Responsibility

The operation, maintenance and care of the Volvo Penta Engine and Power Package as outlined in the operator's manual are the owner's responsibility. The owner must keep records of all maintenance services performed. This record of proper maintenance may be required to determine warranty coverage on certain repairs and should be transferred to each subsequent owner.

You are responsible for presenting your Volvo Penta engine to a Volvo Penta authorized dealer as soon as a problem exists. You shall use all reasonable means to protect the Product from further damage. The warranty repairs will be completed in a reasonable amount of time.

If you have any questions regarding your warranty rights and responsibilities, you should contact Volvo Penta Consumer Affairs Department at at Volvo Penta of the America's, 1300 Volvo Penta Drive, Chesapeake, VA 23320. Our telephone number is 1-757-436-5100.

Other Information

This warranty is only valid for vessels registered and/or normally operated within the United States, Canada, and other selected areas including Bermuda, Puerto Rico, Bahamas, Turks and Caicos, U. S. Virgin Islands, St. Maarten, Saba, St. Eustatius, St. Kitts, Nevis, Barbuda, Antigua, Monserrat, Grand Cayman, Saipan, and Guam. The warranty (if any) for vessels operated outside these areas is described in the AB Volvo International Warranty statement. Copies of the International Warranty Statement are available from Volvo Penta Consumer Relations Department.

Note: Outside the U.S. and Canada, there may be additional charges based on local practices and conditions. These charges may include, but are not limited to; freight, insurance, taxes, import duties, and/or other financial charges, including those levied by local governments and their respective agencies. These charges are not covered by the Volvo Penta Limited Warranty and are the responsibility of the retail purchaser.

Volvo Penta reserves the right to change or improve the design of any Volvo Penta product without assuming any obligation to modify any Volvo Penta product previously manufactured.

To obtain copies of this warranty, please contact Volvo Penta of the Americas, Inc. at the address listed on page 4 in this document.

REMEDIES AND EXCLUSION OF CERTAIN DAMAGES

Any part of the Volvo Penta engine or power package that is covered by this warranty and that is found in the reasonable judgment of Volvo Penta to be defective in materials or workmanship will be repaired or replaced at Volvo Penta's option. If a problem occurs, the owner must bring the product to an authorized Volvo Penta Diesel Dealer in a timely manner except as stated above in Travel Time. All repairs (except for those listed under *What is Not Covered by the Warranty*) will be made by an authorized Volvo Penta Diesel Dealer at no charge during the warranty period. Repairs will be made within a reasonable period of time during the dealer's normal business hours. Parts replacement will be made using genuine new or remanufactured Volvo Penta parts. Volvo Penta's responsibility in respect to warranty claims is limited to making the required repairs or replacements. All parts will be shipped via standard ground methods. Engines or parts provided under this warranty assume the identity of the engine or part being replaced and are entitled to the remaining warranty coverage only.

THE REPAIR AND REPLACEMENT REMEDIES DESCRIBED IN THIS WARRANTY STATEMENT ARE THE OWNER'S SOLE AND EXCLUSIVE REMEDY. IN NO EVENT SHALL VOLVO PENTA BE LIABLE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. THE TERMS, LIMITATIONS AND DISCLAIMERS CONTAINED IN THIS LIMITED WARRANTY, AS WELL AS THOSE DOCUMENTS PREPARED IN CONJUNCTION WITH THE SALE OF VOLVO PENTA PRODUCTS, MAY NOT BE MODIFIED, ALTERED, OR WAIVED BY ANY ACTION, INACTION OR REPRESENTATIONS, WHETHER ORAL OR IN WRITING, EXCEPT UPON THE EXPRESSED, WRITTEN AUTHORITY OF A MANAGEMENT LEVEL EMPLOYEE OF VOLVO PENTA.

* *Leisure-use* is defined by Volvo Penta as engines or power packages exclusively intended for leisure craft application and used only for the owner's personal recreation and are non-revenue generating. It excludes government, commercial or business use, whether defined as income producing or for tax considerations.

** *Please note that not all engine models in this series are approved for commercial-use by Volvo Penta.*

*** *See page 13 for diesel engine ratings and definitions.*

This limited warranty applies to all products delivered from Volvo Penta of the Americas after the revised effective date of June 15, 2006.

MARINE DIESEL ENGINE (D1 through D3) POWER PACKAGE *LIMITED WARRANTY*

What is Warranted

Leisure Use – Volvo Penta of the Americas, Inc., warrants that new, leisure-use* marine diesel power packages (engine, transom shield, sterndrive, Volvo Penta branded marine transmission, advanced propulsion system, jackshaft and engine accessories) will be free from defects in material or workmanship for a period of two years. Engine-only packages (new engines sold without transom shields, sterndrives or transmissions) are warranted for a period of one year unless installed with a Volvo Penta approved transom shield, sterndrive or transmission. There are no hour limitations for leisure-use. D3-110/130/160 engines with rating 5*** when used in a charter application of six or fewer passengers are warranted for a period of one year or 800 hours, whichever occurs first.

Commercial Use – Volvo Penta of the Americas, Inc., warrants that new approved** commercial-use marine diesel power packages (engine, transom shield, Volvo Penta branded marine transmission, advanced propulsion system, jackshaft and engine accessories) will be free from defects in material or workmanship for a period of one year with no hour limitations for ratings 1, 2 and 3.*** Engines with rating 4*** are warranted for a period of one year or 800 hours whichever occurs first. In addition to the one year warranty, the following base engine components are warranted for an additional two years or 6,000 operational hours on engines with ratings 1, 2 and 3***, or two years or 2,400 operational hours for engines with rating 4***, whichever occurs first: Cylinder block casting, crankshaft forging, connecting rods, camshaft forging, front transmission cover, flywheel housing, intake manifold, exhaust manifold, fresh water pump housing, oil pan. During the second year of the warranty period, parts that are damaged by non-covered parts are not covered by this warranty. The warranty for sterndrives used in commercial applications is one year or 800 hours whichever occurs first. Engines with rating 5*** are not approved for, or warranted in commercial use.

The warranty commences on the date of delivery to the first retail purchaser or when the Product has been operated for 50 hours, whichever occurs first and applies only to warranted defects first arising and reported to Volvo Penta or one of its authorized service centers during the applicable warranty period. During the warranty period, the warranty is fully transferable to subsequent owners. Volvo Penta products are eligible for this warranty only if registered with Volvo Penta. Submission of the Warranty Registration or other suitable proof of ownership is required for registration and is required to obtain warranty coverage.

LIMITATION AND DISCLAIMER OF IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS

TO THE EXTENT PERMITTED BY APPLICABLE LAWS:

- 1. VOLVO PENTA DOES NOT MAKE ANY IMPLIED WARRANTY OF MERCHANTABILITY AS TO ANY PRODUCT OR PART, WHETHER OR NOT THAT PRODUCT OR PART IS COVERED BY ANY EXPRESS WARRANTY CONTAINED HEREIN;**
- 2. VOLVO PENTA DOES NOT MAKE ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF;**
- 3. IN THOSE JURISDICTIONS WHERE IMPLIED WARRANTIES MAY NOT BE DISCLAIMED, ANY IMPLIED WARRANTY IS LIMITED IN DURATION TO THE DURATION OF THE EXPRESS WARRANTIES DESCRIBED IN THIS WARRANTY STATEMENT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.**

What is Not Covered by the Warranty

This warranty does cover any of the following:

- Bosch fuel injection equipment or Bosch electrical components. These items are warranted separately by the Robert Bosch Corp. The Robert Bosch warranty is available at www.boschservice.com
- marine transmissions, jackshafts and other components that are not branded by Volvo Penta. These components may be warranted by their respective manufacturers.
- travel to or from the product by the servicing dealer or transportation of the product to and from the servicing dealer, premium (air or overnight) freight charges; charges for towing, haul-out, launch, storage, fuel or lubricant usage; rental costs of any type; and excessive time necessary to remove boat partitions, hatches or decks to gain service access.
- incidental or consequential expenses including loss of use of the engine, drive train or boat, loss of income, or inconvenience.
- any Volvo Penta product that has been subject to misuse, neglect, accident or that has been improperly installed, operated or maintained.
- damage that is the result of rust, corrosion, water entry through the intake or exhaust system, or prolonged or improper storage.
- damage that is the result of running aground.
- damage that is the result of sand, debris, or any other foreign material being drawn into the water pump or cooling system components.

* *Leisure-use* is defined by Volvo Penta as engines or power packages exclusively intended for leisure craft application and used only for the owner's personal recreation and are non-revenue generating. It excludes government, commercial or business use, whether defined as income producing or for tax considerations.

** *Please note that not all engine models in this series are approved for commercial-use by Volvo Penta.*

*** *See page 13 for diesel engine ratings and definitions.*

- any Volvo Penta product that is damaged as a result of stray-current corrosion or galvanic corrosion that results from lack of maintenance of, or use of, incorrect anodes.
- any Volvo Penta product that has been used for racing or in the preparation for racing; has been altered or modified so as to adversely affect its operation, performance or durability or that has been altered or modified to change its intended use.
- repairs made necessary by normal wear and tear, or by the use of parts, accessories, lubricants, or fuels which, in the reasonable judgment of Volvo Penta, are either incompatible with the Volvo Penta product or adversely affect its operation, performance, or durability.
- Component or product wear out. The wear rate on any engine or part will vary with operating conditions and environment. Operating conditions such as load, quality of air, fuel, oil, oil and air filters have a direct relationship to the wear rate and life of the engine or part.
- Covered parts that are damaged from non-covered parts.
- The first service inspection labor and any parts expense.

Note: warranty travel time allowance for leisure or commercial-use is limited to 250 miles and 5 hours per roundtrip repair from the nearest servicing Volvo Penta Diesel Dealer. There is no travel time allowance for commercial applications during the "additional" warranty period.

Owner's Responsibility

The operation, maintenance and care of the Volvo Penta Engine and Power Package as outlined in the operator's manual are the owner's responsibility. The owner must keep records of all maintenance services performed. This record of proper maintenance may be required to determine warranty coverage on certain repairs and should be transferred to each subsequent owner.

You are responsible for presenting your Volvo Penta engine to a Volvo Penta authorized dealer as soon as a problem exists. You shall use all reasonable means to protect the Product from further damage. The warranty repairs will be completed in a reasonable amount of time.

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 1-757-436-5100.

Other Information

This warranty is only valid for vessels registered and/or normally operated within the United States, Canada, and other selected areas including Bermuda, Puerto Rico, Bahamas, Turks and Caicos, U. S. Virgin Islands, St. Maarten, Saba, St. Eustatius, St. Kitts, Nevis, Barbuda, Antigua, Monserrat, Grand Cayman, Saipan, and Guam. The warranty (if any) for vessels operated outside these areas is described in the AB Volvo International Warranty statement. Copies of the International Warranty Statement are available from Volvo Penta Consumer Relations Department.

Note: Outside the U.S. and Canada, there may be additional charges based on local practices and conditions. These charges may include, but are not limited to; freight, insurance, taxes, import duties, and/or other financial charges, including those levied by local governments and their respective agencies. These charges are not covered by the Volvo Penta Limited Warranty and are the responsibility of the retail purchaser.

Volvo Penta reserves the right to change or improve the design of any Volvo Penta product without assuming any obligation to modify any Volvo Penta product previously manufactured.

To obtain copies of this warranty, please contact Volvo Penta of the Americas, Inc. at the address listed on page 4 in this document.

REMEDIES AND EXCLUSION OF CERTAIN DAMAGES

Any part of the Volvo Penta engine or power package that is covered by this warranty and that is found in the reasonable judgment of Volvo Penta to be defective in materials or workmanship will be repaired or replaced at Volvo Penta's option. If a problem occurs, the owner must bring the product to a authorized Volvo Penta Diesel Dealer in a timely manner except as stated above in Travel Time. All repairs (except for those listed under *What is Not Covered by the Warranty*) will be made by the authorized Volvo Penta Diesel Dealer at no charge during the warranty period. Repairs will be made within a reasonable period of time during the dealer's normal business hours. Parts replacement will be made using genuine new or remanufactured Volvo Penta parts. Volvo Penta's responsibility in respect to warranty claims is limited to making the required repairs or replacements. All parts will be shipped via standard ground methods. Engines or parts provided under this warranty assume the identity of the engine or part being replaced and are entitled to the remaining warranty coverage only. **THE REPAIR AND REPLACEMENT REMEDIES DESCRIBED IN THIS WARRANTY STATEMENT ARE THE OWNER'S SOLE AND EXCLUSIVE REMEDY. IN NO EVENT SHALL VOLVO PENTA BE LIABLE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.**

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. THE TERMS, LIMITATIONS AND DISCLAIMERS CONTAINED IN THIS LIMITED WARRANTY, AS WELL AS THOSE DOCUMENTS PREPARED IN CONJUNCTION WITH THE SALE OF VOLVO PENTA PRODUCTS, MAY NOT BE MODIFIED, ALTERED, OR WAIVED BY ANY ACTION, INACTION OR REPRESENTATIONS, WHETHER ORAL OR IN WRITING, EXCEPT UPON THE EXPRESSED, WRITTEN AUTHORITY OF A MANAGEMENT LEVEL EMPLOYEE OF VOLVO PENTA.

This limited warranty applies to all products delivered from Volvo Penta of the Americas after the revised effective date of June 15, 2006.

RATING CATEGORIES USED FOR MARINE DIESEL ENGINES***

Rating 1: HEAVY DUTY COMMERCIAL

This power rating includes commercial fishing vessels with displacement hulls in heavy operation and an unlimited number of running hours per year.

- *Typical boats:* Coastal fishing boats, tug and push boats, and ferries.
- Load and speed can be constant, and full power can be used without interruption.

Rating 2: MEDIUM DUTY COMMERCIAL

This power rating includes commercial fishing vessels with semi-planing or displacement hulls in cyclical operation running less than 3,000 hours per year.

- *Typical boats:* Most patrol and pilot boats, coastal fishing boats in cyclical operation, (gill-netters, purse seiners, light trawlers), passenger boats and coastal freighters with short trips.
- Full power can be utilized a maximum of four hours per 12-hour operational period. Between full-load operation periods, engine speeds should be reduced at least 10% from the obtained full-load engine speed.

Rating 3: LIGHT DUTY COMMERCIAL

This power rating includes commercial vessels with high demands on speed and acceleration, planing or semi-planing hulls in cyclical operation running less than 2,000 hours per year.

- *Typical boats:* Fast patrol, rescue, police, light fishing, fast passenger, taxi boats, etc.
- Full power can be utilized a maximum of two hours per 12-hour operational period. Between full-load operation periods, engine speed should be reduced at least 10% from the obtained full-load engine speed.

Rating 4: SPECIAL LIGHT DUTY COMMERCIAL

This power rating includes light planing craft in commercial operation running less than 800 hours per year.

- *Typical boats:* High speed patrol, rescue, Navy, Coast Guard, and special high speed fishing boats and charter fishing boats*. These vessels must have a configuration and a power to weight ratio that provides for a cruising of 25 knots minimum.
- Full power can be utilized a maximum of one hour per 12-hour operational period. Between full load operation periods, engine speed should be reduced at least 10% from the obtained full-load engine speed.

Rating 5: LEISURE DUTY

This power rating is intended for leisure (pleasure) craft applications only, which presumes operation by the owner for his/her recreation running less than 300 hours per year*.

- Full power can be utilized a maximum of one hour per 12-hour operational period. Between full-load operation periods, engine speed should be reduced at least 10% from the obtained full-load engine speed.

*Refer to EPA Guidelines under 40 CFR Part 94 at <http://www.epa.gov/oms/marine.htm> for use of certain rating 5 models in approved charter applications

**REPLACEMENT PARTS AND ACCESSORIES
LIMITED WARRANTY*****What is Warranted***

Volvo Penta of the Americas, Inc., warrants that new or factory exchange parts and accessories will be free from defects in material or workmanship for a period of one year. The warranty period for sterndrives used in commercial applications is one year or 800 hours, whichever occurs first.

The warranty commences on the date the part or accessory is first sold by an authorized Volvo Penta Dealer or Distributor, or if installed in a new vessel or equipment by an Original Equipment Manufacturer, the date of first retail purchase or from the date put into service as a demonstrator and applies only to warranted defects first arising and reported to Volvo Penta or one of its authorized service centers during the applicable warranty period. During the warranty period, the warranty is fully transferable to subsequent owners. Suitable proof of ownership such as a retail receipt or work order is required to obtain warranty coverage.

***LIMITATION AND DISCLAIMER OF IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS*****TO THE EXTENT PERMITTED BY APPLICABLE LAWS:**

- 1. VOLVO PENTA DOES NOT MAKE ANY IMPLIED WARRANTY OF MERCHANTABILITY AS TO ANY PRODUCT OR PART, WHETHER OR NOT THAT PRODUCT OR PART IS COVERED BY ANY EXPRESS WARRANTY CONTAINED HEREIN;**
- 2. VOLVO PENTA DOES NOT MAKE ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF;**
- 3. IN THOSE JURISDICTIONS WHERE IMPLIED WARRANTIES MAY NOT BE DISCLAIMED, ANY IMPLIED WARRANTY IS LIMITED IN DURATION TO THE DURATION OF THE EXPRESS WARRANTIES DESCRIBED IN THIS WARRANTY STATEMENT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.**

What is Not Covered by the Warranty

This warranty does not cover any of the following:

- Volvo Penta parts that were sold as part of an engine or power systems package.
- any Volvo Penta product that has been subject to misuse, neglect, accident, or that has been improperly installed, operated, or maintained. This warranty does not apply to any damage that is the result of rust or corrosion.
- any Volvo Penta product that has been used for racing or in the preparation for racing; has been altered or modified so as to adversely affect its operation, performance or durability; or that has been altered or modified to change its intended use.
- costs to modify fuel systems or gear ratios needed to meet local altitude requirements.
- repairs made necessary by normal wear and tear, or by the use of parts, accessories, lubricants, or fuels which, in the reasonable judgment of Volvo Penta, are either incompatible with the Volvo Penta product or adversely affect its operation, performance, or durability.
- travel to or from the product or transportation of the product to and from the servicing dealer or distributor; charges for towing, haul-out, launch, storage, fuel or lubricant usage, premium (air or overnight) freight charges; rental costs of any type; and excessive time necessary to gain service access, or any other incidental or consequential expenses including loss of use of the engine, drive train or boat, loss of income, or inconvenience.
- labor charges for removal or reinstallation of the failed part or accessory unless the part or accessory was originally installed by an authorized Volvo Penta Dealer, Distributor or Original Equipment Manufacturer.
- Covered parts that are damaged from non-covered parts.
- Any failure of components damaged by the use of modified or cupped propellers.
- pre-delivery inspection labor and any parts expense.
- the first service inspection labor and any parts expense.

Owner's Responsibility

The operation, maintenance, and care of the Volvo Penta part or accessory must follow the same guidelines established for the engine and power package as outlined in the Operator's Manual (Instruction Book) and are the owner's responsibility. You shall use all reasonable means to protect the Product from further damage. The owner must keep records of all maintenance services performed. This record of proper maintenance may be required to determine warranty coverage on certain repairs and should be transferred to each subsequent owner. If you are not sure of the proper maintenance procedures, contact the Volvo Penta Service Department at the address on page 4 of this document.

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 1-757-436-5100.

Other Information

This warranty is only valid within the United States, Canada, and other selected areas including Bermuda, Puerto Rico, Bahamas, Turks and Caicos, U. S. Virgin Islands, St. Maarten, Saba, St. Eustatius, St. Kitts, Nevis, Barbuda, Antigua, Monserrat, Grand Cayman, Saipan, and Guam. The warranty (if any) for parts and accessories outside these areas is described in the AB Volvo International Warranty statement. Copies of the International Warranty Statement are available from Volvo Penta.

Note: Outside the U.S. and Canada, there may be additional charges based on local practices and conditions. These charges may include, but are not limited to, freight, insurance, taxes, import duties, and or other financial charges including those levied by local governments and their respective agencies. These charges are not covered by the Volvo Penta Warranty and are the responsibility of the retail purchaser.

Volvo Penta reserves the right to change or improve the design of any Volvo Penta product without assuming any obligation to modify any Volvo Penta product previously manufactured.

To obtain copies of this warranty, please contact Volvo Penta of the Americas, Inc. at the address on page 4 of this document.

REMEDIES AND EXCLUSION OF CERTAIN DAMAGES

Any Volvo Penta part or accessory that is covered by this warranty and that is found in the reasonable judgment of Volvo Penta to be defective in materials or workmanship will be repaired or replaced at Volvo Penta's option. If a problem occurs, the owner must bring the part or accessory to an authorized Volvo Penta Dealer or Distributor in a timely manner. All repairs (except for those listed under *What is Not Covered by the Warranty*) will be made by an authorized Volvo Penta Dealer or Distributor at no charge during the warranty period. Repairs will be made within a reasonable period of time during the dealer or distributor's normal business hours. Parts replacement will be made using genuine new or remanufactured Volvo Penta parts. Volvo Penta's responsibility with respect to warranty claims is limited to making the required repairs or replacements. All parts will be shipped via standard ground methods. Labor to remove and replace the part or accessory will only be covered if the part or accessory was originally installed by an Authorized Volvo Penta Dealer, Distributor or Original Equipment Manufacturer. THE REPAIR AND REPLACEMENT REMEDIES DESCRIBED IN THIS WARRANTY STATEMENT ARE THE OWNER'S SOLE AND EXCLUSIVE REMEDY. IN NO EVENT SHALL VOLVO PENTA BE LIABLE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

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This limited warranty applies to all products delivered from Volvo Penta of the Americas after the revised effective date of June 15, 2006.

GENERAL PRE-DELIVERY INSPECTION ALL GASOLINE I/O DRIVE SYSTEMS

To insure the highest level of product satisfaction and reliability, Volvo Penta requests that the delivering dealer complete the following **Pre-Delivery Inspection** checklist and keep a copy on file.

- Check tightness of all engine mounting bolts.
- Check tightness of transom shield mounting hardware.
- Inspect all bellows for proper installation and, where applicable, the markings "UP" and "Drive" are oriented correctly.
- Check tightness of bellows clamps and all hoses.
- Check engine alignment using appropriate alignment tool.
- Install sterndrive per Volvo Penta instructions and check tightness of all fasteners.
- Coat propeller shaft with approved grease and install correct size propeller(s).
- If sterndrive or transom shield is to be painted, only use paint expressly developed for this purpose. Do not paint anodes. Do not allow copper base anti-fouling paint to contact the sterndrive, transom shield, or any bonded underwater fittings.
- Check engine and sterndrive lubrication levels. **Caution:** Do not overfill.
- Lubricate all grease fittings and linkages following service recommendations.
- For inboard transmission systems, check propeller shaft alignment, tightness of shaft flange fasteners, stuffing box operation, and fluid level in inboard transmission.
- Check fluid levels in the power trim system and if equipped, the power steering and fresh water cooling systems.
- Check drive belt(s) tension.
- Check steering for correct operation and tightness of all fasteners. The steering arm should not contact the transom cut-out at full travel.
- Check battery condition, including battery cable connections and minimum amp requirements.
- Check wiring harness connections for tightness. Secure any loose wiring.
- Check tightness of all water, fuel, and exhaust clamps, fittings and drain plugs.
- Check tightness of flame arrestor.

Start engine and check that:

- No leakage of fuel, water or exhaust gas occurs.
- Engine oil pressure and voltage readings are normal.
- Check that engine temperature and charging systems are within specifications throughout RPM range.
- All gauges, instruments, and alarms operate correctly.
- All steering, shift, and throttle controls operate correctly.
- Engine ignition timing and idle RPM are within specifications.
- Power trim operates correctly.
- Water test boat to insure correct operation of steering, shift/throttle controls, and instrumentation. Check to insure that Wide Open Throttle engine RPM is within recommended range with customer's typical load.

Review with the new owner/operator:

- Operator's manual and power package operation including controls and instruments.
- Service and maintenance schedules including First Service.
- Warranty statement and owner's obligations, and Volvo Action Service.

Complete the Volvo Penta Warranty Registration by obtaining all serial numbers directly from the product serial number plates and enter the information online or mail the registration card.

Mail the registration card to:

**Warranty Registration
Volvo Penta of the Americas, Inc.
1300 Volvo Penta Drive
Chesapeake, VA, 23320**

Pre-delivery Inspection labor and any parts expense are not covered by the Volvo Penta Limited Warranty.



Volvo Penta of the Americas, Inc.

1300 Volvo Penta Drive
Chesapeake, VA 23320

FIRST SERVICE INSPECTION ALL GASOLINE I/O DRIVE SYSTEMS

Volvo Penta recommends that an authorized Volvo Penta Dealer perform the following **First Service Inspection (Dealer 20 Hour Check)**. It is recommended that this service be performed after 20 operating hours, or 60 days of operation, whichever occurs first.

Start engine and check that:

- No leakage of fuel, oil, water, or exhaust gases occurs.
- Engine oil pressure and temperature are normal.
- All cables and controls operate correctly.
- All gauges, instruments, and alarms operate correctly.
- Steering system operates correctly.
- Engine ignition timing and idle RPM are within specifications.
- Power trim system operates correctly.

Stop engine and:

- Change engine oil and oil filter.
- Change fuel/water separator filter.
- Clean seawater strainer (if equipped).
- Check fluid levels and fluid condition in sterndrive or inboard transmission, power steering pump and trim pump.
- Check propeller(s) and propeller(s) fasteners.
- Check condition of battery and battery cable connections.
- Check drive belt(s) tension and condition.
- Lubricate all grease fittings and linkages following service recommendations.
- Check tightness of all water, fuel, universal joint and exhaust bellows clamps, motor mounting bolts, transom shield mounting bolts, throttle and shift cable anchor points and connections, engine and drive fittings and drain plugs.
- Check boat for the addition of aftermarket swim platforms, outboard motor brackets, life boats, dinghy's, or other heavy items. If these items are found, verify or correct the static water line to exhaust elbow height per the Volvo Penta Stern Drive Installation Instructions or the Operator's Manual.

Restart engine and recheck that:

- No leakage of fuel, oil, water, or exhaust gases occurs.
- Engine oil pressure and temperature are normal.

Important Procedure Notice: Always reference the current Volvo Penta Service publications for correct service procedures, torques, and specifications. Refer to the Operator's Manual for normal maintenance schedules.

The Volvo Penta Limited Warranty does not cover First Service Inspection labor and parts expenses.

FIRST SERVICE INSPECTION ALL DIESEL SYSTEMS

A First Service Inspection should be carried out after 20-50 hours (D1, D2, D3), or 100 hours (D4, D6,), or 150-300 hours of operation respectively (D9, D12, D16), or before 180 days from the date of delivery or before the end of the first season, whichever occurs first. Please also refer to your Operator's Manual.

Prior to start-up check:

- Transmission oil level
- Coolant level and strength
- Sea water strainer is clean
- Power trim hydraulic fluid level*
- Power steering hydraulic fluid level*
- Drive belt tension
- Instrument panel alarm function*
- Adjust valves*

Start engine and check that:

- No leakage of fuel, oil, water, or exhaust gas occurs.
- Engine oil pressure and temperature are normal.
- All cables and controls operate correctly.
- All gauges, instruments, and alarms operate correctly.
- Steering system operates correctly.
- Engine injection timing and idle RPM are within specifications.
- Power trim system operates correctly*.
- Hydraulic reverse gear oil is at proper level.
- Low and high engine idle are correct.

Stop engine and:

- Change engine oil and oil filter(s).
- Change fuel/water separator filter.
- Check fluid levels and fluid condition in sterndrive or inboard transmission, power steering pump and trim pump.
- Check propeller(s) and propeller(s) fasteners.*
- Check condition of battery and battery cable connections.
- Lubricate all grease fittings and linkages following service recommendations.
- Check tightness of all water, fuel, universal joint, and exhaust bellows clamps, transom shield mounting bolts*, motor mounting bolts, throttle and shift cable anchor points and connections, engine and drive fittings and drain plugs.*
- Check boat for the addition of aftermarket swim platforms, outboard motor brackets, lifeboats, dinghy's, or other heavy items. If these items are found, verify or correct the static water line to exhaust elbow height and wide-open throttle operating range per the Volvo Penta Installation Instructions, Workshop Manual or the Operator's Manual.

*Where applicable

Important Procedure Notice: Always reference the current Volvo Penta Service publications for correct service procedures, torques, and specifications. Refer to the Operator's Manual for normal maintenance schedules.

The Volvo Penta Limited Warranty does not cover First Service Inspection labor and parts expenses.

VOLVO PENTA OF THE AMERICAS, INC.

New Boat Commissioning Checklist and Payment Application (PDC)

Engine Model	S/N	Hull or Certificate No	
Transmission brand	Model	Ratio	S/N
Prop size	Prop Rotation	Single/Dual station	
Single/Twin Installation	Port/Starboard Engine		
Boat Brand	Model	Year	L.O.A.
Weight as tested (lbs):	Fuel: E	¼	½ ¾ F
Water:	¼	½	¾ F
Additions: Tower	Canvas	Genset	Dingy Davits Bottom Paint Other
Application: Commercial	Leisure	Hours	Range: 3 5 HP:
Inspecting Dealership:			
Street Address		City, State Zip	
Dealer Number		Phone Number	

INSTALLATION CHECK

Engine securely lagged or bolted down	Oil level- engine and transmission
EDC installed to Volvo Penta specifications	Fuel lines, tank vents and fittings proper and secure
Couplings secure	Primary filter secure; no leaks
Sea cock(s) open; not leaking	Shaft logs/stuffing box; no leaks
Sea strainer secure; no leaks	Battery polarity/switches ok

ENGINE CHECK - BEFORE STARTING

Controls – operation/adjustment	Fuel system primed; vented; no leaks
Belts – condition and adjustment	Warning lights; alarms working
Cooling system – filled and purged	All water and oil drains tight

ENGINE CHECK – AFTER STARTING

Oil pressure – cold	Recheck transmission oil
Exhaust system – no leaks, clamps torqued	Oil leaks: engine transmission
Sea water cooling supply – no leaks	Max RPM - no load
Fresh water cooling system – no leaks	Idle speed in neutral
All instruments reading normally	Alternator charging system

SEA TRIAL Conditions: Ambient Temperature:		Seas:	Wind:
Oil pressure – hot		Turbo boost, max throttle	
Water temperature – hot		Turbo boost, cruise throttle	
Verified max RPM underway		All systems normal during test	
Maximum speed up-wind	mph/kn	Maximum speed down-wind	mph/kn
Speed measured by: GPS Radar gun Other		Alignment acceptable:	Yes Needs adj.

WHEN BOAT IS IN POSSESSION OF RETAIL OWNER – COMPLETE THE FOLLOWING

Owner's name and address			
Warranty registration card mailed		Volvo Action Service explained to owner	
Warranty terms explained		Maintenance schedule reviewed	
First service inspection explained		Owner's manual reviewed	
Owner's copy of this form delivered		Explain EDC operation (if equipped)	

OWNER'S SIGNATURE

INSPECTING TECHNICIAN'S SIGNATURE

Date & Place of Inspection

Original: VPA

Copy 1: Owner

Copy 2: Dealer

Publ. No. 7797298

Reference

VOLVO PENTA OF THE AMERICAS, INC.

Repower Checklist and Exception Report

Engine Model

S/N

Certificate No

This is a supplement to the New Boat Commissioning Checklist. Please fill out completely if this is a prototype installation or repower, or is otherwise not a standard production boat installation. Also, list any defects found or corrections that need to be made. General comments pertaining to the installation will be appreciated.

SECTION A

Shaft diameter	Fuel supply hose, size and length:
Shaft angle	Primary fuel filter: Brand Model
Engine inclination, static	Sea strainer type
Engine inclination, under way	Sea strainer size
Exhaust size at turbo elbow	Water intake size, inside diameter:
Exhaust size at mufflers	Battery type and size:
Make of muffler	Exhaust back pressure – full load:
Muffler size and type	Exhaust back pressure – cruise:
Total exhaust length	Exhaust temperature – full load:
Exhaust flex section at turbo – length	Exhaust temperature – cruise:
Distance turbo C/L to Static water line:	Battery cable length
Adequate ventilation	Battery cable gauge
Engine room depression: <input type="checkbox"/> No <input type="checkbox"/> Yes	Gauges and Alarm: Volvo Penta Other
Adequate clearance for service: <input type="checkbox"/> No <input type="checkbox"/> Yes	EDC installed to Volvo Penta specification

SECTION B

List conditions that need correction.

Comments

Owners Signature

Inspecting Technician's Signature

Date & Place of inspection:

Please leave attached to Checklist and Payment Application and return to:

Volvo Penta of the Americas, Inc.
 1300 Volvo Penta Drive
 Chesapeake, VA 23320

Original: VPA

Copy 1: Owner

Copy 2: Dealer
 Publ. No. 7797299



Volvo Penta of the Americas, Inc.

1300 Volvo Penta Drive
Chesapeake, VA 23320
757-436-5100
FAX 757-436-5152

PRODUCT REGISTRATION UPDATE FORM

This form is to be used to update owner information with Volvo Penta of the Americas, Inc. in the event of a change of address or transfer of ownership. Fax or Mail to the above address.

Product Information:

Engine serial number(s) _____

Drive / transmission serial number(s) _____

Request type:

Change of address Change of ownership

New owner and / or new address information (proof of ownership required):

Name _____

Address _____

City _____ State _____ ZIP _____

For transfer of ownership only:

Original owner (if known) _____

Reselling dealer (if any) _____ Transfer date _____

Contact in the event that additional information is needed (proof of ownership required):

Contact Name _____

Telephone _____ Fax _____ E-Mail _____

VOLVO PENTA

Volvo Penta of the Americas, Inc.
1300 Volvo Penta Drive
Chesapeake, VA 23320