



WARRANTY INFORMATION

INTERNATIONAL WARRANTY INFORMATION

WARRANTY INFORMATION NORTH AMERICA

MARINE LEISURE

MARINE COMMERCIAL

**VOLVO
PENTA**

VOLVO PENTA INTERNATIONAL LIMITED WARRANTY STATEMENT - MARINE LEISURE

INTRODUCTION

New Volvo Penta marine engine configurations, parts and accessories (herein "Product" or "Products") are covered by the Volvo Penta International Limited Warranty (herein "Warranty") according to the conditions and limitations stated herein. Please take the time to read this Limited Warranty Statement and the Service book carefully along with your Operator's Manual which has also been provided with your engine package before starting or using the Product for the first time.

This is a limited warranty offered by AB Volvo Penta. It is in addition to any rights you may have under mandatory law.

On the day your new product is delivered, the party who sold it to you, or the Volvo Penta Business Partner, will register the product with the online Product Center. For your convenience you have the possibility of obtaining a printed customer copy for safekeeping in the CD folder for warranty information.

To enable you to assert your rights in connection with this warranty, our Business Partners will check warranty validity in the Product Center. A copy of the relevant invoice or receipt is valid as warranty certification for replacement parts and accessories.

Contact your Volvo Penta Business Partner if you have not received an Operator's Manual or if you are uncertain whether product registration has been carried out.

GENERAL

This is to certify that **AB Volvo Penta**, (herein "Volvo Penta") Gothenburg, Sweden, warrants that the Product(s) is free from defects in material and workmanship for the Limited Warranty Period stated below, subject to the conditions and with the limitations specified in this Warranty Statement.

This Warranty applies only to leisure use. Leisure use means that the Product is only used for your own use and recreation, including occasional boat - sharing arrangement, shared ownership, Peer to Peer, Boat owners list their boats through a third-party website that connects them with potential renters. This Warranty does not apply to products in commercial or governmental use, including but not limited to revenue generation, passenger transport, cargo transport, public sector service or rental, including charter. Products in commercial use are covered by the Volvo Penta International Limited Warranty for marine commercial products, which is set out in a separate Warranty Statement.

Any components or products used for repair or replacement under this warranty will benefit from the Warranty for the remaining time of the Limited Warranty Period for the Product that was repaired with or replaced by the component or replacement product.

This Warranty does not apply in countries where Volvo Penta is not represented. Please consult www.volvopenta.com for countries where Volvo Penta is represented

LIMITED WARRANTY PERIODS, GENERAL

The limited warranty's validity begins at the time the product was delivered to the first dealer or user and will continue for the period shown in the table below. The delivery date is recorded in the Product Center together with all the other relevant information and is accessible to both Volvo Penta Business Partners and you the customer.

The Limited Warranty Period will be as follows, months or Operation Hours, whichever occurs first.

Product Individuals installed with Aquamatic / S-drive / inboard transmissions*

Product (Including Volvo Penta transmissions)	Complete driveline**		Major Components***	
	Months	Hours	Months total	or hours total
D1, D2, S-drives	24	600	60	1000
D3, D4, D6	24	600	60	1000
Gas****	24	480	60	1000
Sterndrive (incl. shield)****	24	600	n/a	n/a
D5, D7, D8, D9, D11, D13	24	1000	60	2000

Product Individuals installed with IPS drive

Product (including IPS drive)	Complete driveline**		Major Components***	
	Months	or hours	Months	or hours
D4, D6	24	600	60	1000
D8, D11, D13	24	1000	60	2000
D4 IPS400, D6 IPS450 MC	24	800	60	1000

*For non Volvo Penta gears and drives please see your supplier's own documentation. Number of months (60) indicates Major Components Warranty.

** The Limited Warranty Period for the Complete driveline will last from the date of delivery to the first user until the end of the number of months or hours of operation stated in table, whichever occurs first.

*** The Limited Warranty Period for the Major Components will last from the date of delivery to the first user until the end of the number of months or hours of operation stated in table, whichever occurs first.

**** Gas & Sterndrives: The Limited warranty Period stated herein does not apply to gas engines or sterndrives located in North America. For such products, please refer to separate warranty statement.

n/a = Not applicable

PARTS & ACCESSORIES

-Twelve (12) months

Other	Complete Product***		Major Components****	
	Months	or hours	Months	or hours
Parts*	12	n/a	n/a	n/a
Accessories**	24	n/a	n/a	n/a

* "Parts" refer to all spare parts not used for repair or replacement under this Warranty.

** "Accessories" refer to items other than the engine, transmission and engine assembled parts.

****ACCESSORIES AS PART OF ENGINE PACKAGE** (available in Prosales and installed by OEM/dealer):

- Twenty four (24) months (or carry the same coverage period as the product it is attached to if this is different)

The warranty start date is the same as for the engine configuration, i.e. the time of transfer to the owner or end user (specified as the delivery date in the Product Center). A copy of the registration with the Product Center can be printed out.

*** The Limited Warranty Period for the Complete Product will last from the date of delivery to the first user until the end of the number of months or hours of operation stated in table, whichever occurs first.

**** The Limited Warranty Period for the Major Components will last from the date of delivery to the first user until the end of the number of months or hours of operation stated in table, whichever occurs first.

PARTS & ACCESSORIES, SOLD BY, AND INSTALLED BY A VOLVO PENTA DEALER

(purchased after engine package delivery)

-Twenty-four (24) months

HOURLY LIMITATION: 600 hours

The Twenty-four (24) month Parts warranty will apply and follow the same terms and conditions as the AB Volvo Penta International Limited Warranty. The warranty coverage will begin from the date of sale specified by the invoice/ transaction document. The customer is required to produce an invoice/ receipt as proof of purchase to qualify for warranty in these cases.

All products, including engines, transmissions, components, parts and accessories which were replaced or repaired during the warranty or additional coverage period at no cost to the owner/end customer, will receive the remainder of the original warranty period for such products. For example, if a product is registered for warranty in Product Center and is entitled to a 24 month warranty period, and a warranty repair is performed after 22 months, any parts replaced or repaired at that time will receive the remaining 2 months warranty coverage.

MAJOR COMPONENTS, GENERAL

As outlined, the Limited Warranty Period may be longer for certain components in the product, herein referred to as “major components”

Major Engine Components under this warranty are the following:

- Cylinder block casting
- Cylinder head casting
- Crankshaft forging
- Camshaft forging
- Flywheel housing
- Timing gear case
- Timing gears and connecting rod forging

Major Components IPS

- Upper gear housing casting
- Intermediate house casting
- Lower gear housing
- Incl bearing carrier casting
- SUS incl steering gearbox
- Drive shaft- (less U-joint)

Major Components Volvo branded transmissions

- Shaft
- Transmission housing casting

WHAT THE INTERNATIONAL LIMITED WARRANTY COVERS

Volvo Penta will either repair or replace defective Products, whichever is decided by Volvo Penta. A defective Product which is covered by this Warranty is a Product that is found to have an inherent defect which existed in it at the time of shipment from the relevant Volvo Penta facility.

WHAT THE INTERNATIONAL LIMITED WARRANTY DOES NOT COVER

- This Warranty does not apply to defects caused by transportation, installation or repairs.
- This Warranty does not apply to defects caused as a result of any of the following:
 - Abnormal use
 - Carelessness, misuse
 - Competition use or preparation for competition use
 - Over or under loading
 - Insufficient lubrication
 - Cavitation
 - Normal wear and tear
 - Use of inferior spare parts
 - Lack of, or incorrect maintenance
 - Incorrect installation or parameter setting
 - Accidents
 - Natural phenomenon such as lightning, thunderbolts, flooding war, uprisings, acts of terror or other force majeure events
 - Improper storage
 - Corrosion
 - Failure to comply with Operator's Manuals, maintenance instructions, installation instructions or any other reasonable Volvo Penta instructions
 - Alterations or modifications of the Product, including alterations or modifications of software or Electronic devices
 - Breaking of seals
 - Usage in violation of law or for unintended purposes
- This Warranty does not apply to defects caused by the Product's combination with engines, transmissions, or any other mechanical or electronic product or accessory not sold or approved in writing by Volvo Penta.

CLAIMING UNDER THE INTERNATIONAL LIMITED WARRANTY

It is the responsibility of the owner of a Product to report any defect in the Product to Volvo Penta Business Partner. A list of Volvo Penta Business Partners is available at www.volvopenta.com. Such a report must be made as soon as possible and no later than fourteen (14) days from the date when the user first observed the defect or ought to have observed it and consequently in no case later than fourteen (14) days after the expiry of the Limited Warranty Period.

The owner is recommended to secure evidence of the date when the report was made, for example a copy of a letter.

Business Partners check warranty validity in the Product Center.

LIMITATIONS OF LIABILITY

The repair and replacement remedies described above are the sole and exclusive remedies available to you in respect of this International Limited Warranty. Volvo Penta is not liable to you whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any indirect, incidental or consequential loss (including, without limitation loss of use, loss of income, loss of production, loss of profits, loss of time, loss of property, cost of travelling, cost of transport, extra costs incurred to make the Product accessible, cost of docking and cranes) arising under or in connection with this International Limited Warranty.

Volvo Penta does not authorize anyone to assume any other liability on its behalf in connection with the sales of Products than described in this Warranty Statement.

OWNER'S OBLIGATIONS - IMPORTANT

Because Volvo Penta has no supervision over product installation, we recommend owners ask their Volvo Penta Business Partner to check and ensure that the product(s) are correctly installed. The party or Volvo Penta Business Partner who sold the product to you is responsible for ensuring that a full free-of-charge commissioning has been carried out according to Volvo Penta instructions (refer to the Service Book) and is registered with the Product Center; it is the owners' responsibility to make sure this has been done.

A performance of a Commissioning is a condition for the validity of this Warranty.

It is the owner's obligation for the operation, maintenance and care of Volvo Penta products in accordance with the instructions and requirements stated in the Operator's Manual during and after the Limited Warranty Period.

Records should be kept of all maintenance services performed including engine oil and filter changes. This record of proper maintenance is required for the purpose of determining warranty coverage on repairs and it is the responsibility of the owner to transfer such documents to the subsequent owner. Nothing in this Warranty Statement shall prevent you from transferring this International Limited Warranty to a subsequent purchaser. However, it will be your responsibility to ensure that all of the necessary documentation is provided to the new owner to enable the new owner to benefit from this International Limited Warranty.

VOLVO PENTA INTERNATIONAL LIMITED WARRANTY STATEMENT - MARINE COMMERCIAL

INTRODUCTION

New Volvo Penta marine engine configurations, parts and accessories (herein "Product" or "Products") are covered by the Volvo Penta International Limited Warranty (herein "Warranty") according to the conditions and limitations stated herein. Please take the time to read this Warranty Statement and the Service book carefully along with your Operator's Manual which has also been provided with your engine package before starting or using the Product for the first time.

This is a limited warranty offered by AB Volvo Penta and is in addition to any rights that you may have under mandatory law.

On the day your new product is delivered, the party who sold it to you, or the Volvo Penta Business Partner, will register the product with the online Product Center. For your convenience you have the possibility of obtaining a printed customer copy for safekeeping in the CD folder for warranty information.

To enable you to assert your rights in connection with this warranty, our dealers will check warranty validity in the Product Center. A copy of the relevant invoice or receipt is valid as warranty certification for replacement parts and accessories.

Contact your Volvo Penta Business Partner if you have not received an Operator's Manual or if you are uncertain whether product registration has been carried out.

GENERAL

This is to certify that AB Volvo Penta, (hereinafter "Volvo Penta") Gothenburg, Sweden, warrants that the Product is free from defects in material and workmanship for the Limited Warranty Period stated below under the conditions and with the limitations specified in this Warranty.

This Warranty only applies to products in Marine Commercial use. Marine Commercial use means that the product is used for revenue generation, marine passenger transport, marine cargo transport, marine public sector/ governmental service or rental e.g. paid crew, including charter e.g. paying passenger.

Any components or replacement products -used for repair or replacement under this Warranty will benefit from the Warranty for the remaining time of the Limited Warranty Period for the Product that was repaired with or replaced by the component or replacement product.

This International Limited Warranty does not apply in countries where Volvo Penta is not represented. Please consult www.volvopenta.com for list of countries where Volvo Penta is represented.

LIMITED WARRANTY PERIODS, GENERAL

The limited warranty's validity begins at the time the product is delivered to the first owner or user and continues for the period shown in the table below. The delivery date is recorded in the Product Center together with all the other relevant information and is accessible to both Volvo Penta Business Partner and you the customer.

The Limited Warranty Period are the months or operation hours, calculated from the date defined above, whichever occurs first, stated in the tables to follow.

ENGINE CONFIGURATIONS IN MARINE COMMERCIAL USE

Product	Rating	Limited Warranty Period	
		Months	or Hours
(Including Volvo Penta gearboxes and stern-drives)			
D5, D7-D16	1	12	Unlimited
D5, D7-D16 Marine Genset	PP	12	Unlimited
D5, D7-D16	2	12	5000
D8-D13	3	12	2000
IPS 600, 650, 900	3	12	2000
D8-D13	4	12	1000
IPS 650, 700, 800, 1050	4	12	1000
D4-D6	4	12	800
IPS 450, 400MC	4	12	800

Product	Rating	Products, rating 5, in crafts designed for leisure use, used for charter or rental*		Products Rating 5 in governmental use or commercial use other than in leisure boats for commercial rental or charter**	
		Months	or Hours	Months	or Hours
(Including Volvo Penta reverse gears and drives)					
D1, D2	5	24(+36)	1000	12	500
D3-110	5	24(+36)	1000	12	500
D3 >110, D4, D6	5	12	500	12	500
IPS 350, 400, 500, 600	5	12	500	No warranty	
D8, D9, D11, D13	5	12	500	12	500
IPS 800, 900, 1200	5	12	500	No warranty	
Gas		6	400	6	400
Parts & Accessories***		12	N/A	12	N/A

For non Volvo Penta gears and drives please see your supplier's own documentation. Number of months within () above indicates Extended Protection, if applicable.

D1, D2, D3-110 rating 5: in craft, designed for leisure use, used for charter or rental also covered up to 24+(36)month / 1000h, major components

* Charter / Rental: Paying passenger/ paid crew

** Other commercial use: Cargo ship, ferry, tug boat, generator set.

*** Parts & Accessories:

“Parts” refers to all spare parts.

“Accessories” refer to items other than the engine, transmission and engine assembled parts.

PARTS & ACCESSORIES

-Twelve (12) months

Other	Complete Product***		Major Components****	
	Months	or hours	Months	or hours
Parts*	12	n/a	n/a	n/a
Accessories*	24	n/a	n/a	n/a

* Parts & Accessories:

“Parts” refer to all spare parts not used for repair or replacement under this Warranty.

“Accessories” refer to items other than the engine, transmission and engine assembled parts.

ACCESSORIES AS PART OF ENGINE PACKAGE (available in Prosales and installed by OEM/dealer):

- Twenty four (24) months (or carry the same coverage period as the product it is attached to if this is different)

The warranty start date is the same as for the engine configuration, i.e. the time of transfer to the owner or end user (specified as the delivery date in the Product Center). A copy of the registration with the Product Center can be printed out.

*** The Limited Warranty Period for the Complete Product will last from the date of delivery to the first user until the end of the number of months or hours of operation stated in table, whichever occurs first.

**** The Limited Warranty Period for the Major Components will last from the date of delivery to the first user until the end of the number of months or hours of operation stated in table, whichever occurs first.

PARTS & ACCESSORIES, SOLD BY, AND INSTALLED BY A VOLVO PENTA DEALER

(purchased after engine package delivery)

-Twenty-four (24) months

HOURLY LIMITATION: 3000 hours

The Twenty-four (24) month Parts warranty will apply and follow the same terms and conditions as the AB Volvo Penta International Limited Warranty. The warranty coverage will begin from the date of sale specified by the invoice/ transaction document. The customer is required to produce an invoice/ receipt as proof of purchase to qualify for warranty in these cases.

All products, including engines, transmissions, components, parts and accessories which were replaced or repaired during the warranty or additional coverage period at no cost to the owner/end customer, will receive the remainder of the original warranty period for such products. For example, if a product is registered for warranty in Product Center and is entitled to a 24 month warranty period, and a warranty repair is performed after 22 months, any parts replaced or repaired at that time will receive the remaining 2 months warranty coverage.

MAJOR COMPONENTS (Only valid for D1, D2, D3-110 used for charter or rental).

As outlined, the Limited Warranty Period may be longer for certain components in the product, such components are herein referred to as "major components".

Major Components under this warranty are the following:

- Cylinder block casting
- Cylinder head casting
- Crankshaft forging
- Camshaft forging
- Flywheel housing
- Timing gear case
- Timing gears and connecting rod forging

Volvo branded transmission

- Shaft
- Transmission housing casting

WHAT THE LIMITED WARRANTY COVERS

Volvo Penta will either repair or replace defective Product, whichever is decided by Volvo Penta. A defective Product which is covered by this Warranty is a Product that is found to have an inherent defect which existed in it at the time of shipment from the relevant Volvo Penta facility.

WHAT THE LIMITED WARRANTY DOES NOT COVER

- This limited warranty does not apply to defects caused by transportation, installation or repairs.
- This limited warranty does not apply to defects caused as a result of any of the following:
 - Abnormal use
 - Carelessness, misuse
 - Competition use or preparation for competition use
 - Over or under loading
 - Insufficient lubrication
 - Cavitation
 - Normal wear and tear
 - Use of inferior spare parts
 - Incorrect installation or parameter setting
 - Accidents
 - Lack of, insufficient or faulty maintenance
 - Natural phenomenon such as lightning, thunderbolts, flooding
 - War, uprisings, acts of terror or other force majeure events
 - Improper storage
 - Corrosion
 - Failure to comply with operator's manuals, maintenance instructions, installation instructions or any other reasonable Volvo Penta instructions
 - Alterations or modifications of the Product, including alterations or modifications of software or electronic devices
 - Breaking of seals
 - Usage in violation of law or for unintended purposes
- This limited warranty does not apply to defects caused by the Product's combination with engines, transmissions, or any other mechanical or electronic product or accessory not sold or approved in writing by Volvo Penta.

CLAIMING UNDER THE INTERNATIONAL LIMITED WARRANTY

It is the responsibility of the owner of a Product to report any defect in the Product to Volvo Penta Business Partner. A list of Volvo Penta Business Partners is available at www.volvopenta.com. Such a report must be made as soon as possible and no later than fourteen (14) days from the date when the user first observed the defect or ought to have observed it and consequently in no case later than fourteen (14) days after the expiry of the Limited Warranty Period.

The owner is recommended to secure evidence of the date when the report was made, for example a copy of a letter.

Business Partners check warranty validity in the Product Center.

LIMITATIONS OF LIABILITY

The repair and replacement remedies described above are the sole and exclusive remedies available to you in respect of this International Limited Warranty. Volvo Penta is not liable to you whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any indirect, incidental or consequential loss (including, without limitation loss of use, loss of income, loss of production, loss of profits, loss of time, loss of property, cost of travelling, cost of transport, extra costs incurred to make the Product accessible, cost of docking and cranes) arising under or in connection with this International Limited Warranty.

Volvo Penta does not authorize anyone to assume any other liability on its behalf in connection with the sales of Products than described in this Warranty Statement.

OWNER'S OBLIGATIONS - IMPORTANT

Because Volvo Penta has no supervision over product installation, we recommend owners ask their Volvo Penta Business Partner to check and ensure that the product(s) are correctly installed.

The party or Volvo Penta Business Partner who sold the product to you is responsible for ensuring that a full free-of-charge commissioning has been carried out according to Volvo Penta instructions (refer to the Service Book) and is registered with the Product Center; it is the owners' responsibility to make sure this has been done.

A performance of a Commissioning is a condition for the validity of this Warranty.

It is the owner's obligation for the operation, maintenance and care of Volvo Penta products in accordance with the instructions and requirements stated in the Operator's Manual during and after the Limited Warranty Period.

Records should be kept of all maintenance services performed including engine oil and filter changes. This record of proper maintenance is required for the purpose of determining warranty coverage on repairs and it is the responsibility of the owner to transfer such documents to the subsequent owner. Nothing in this Warranty Statement shall prevent you from transferring this International Limited Warranty to a subsequent purchaser. However, it will be your responsibility to ensure that all of the necessary documentation is provided to the new owner to enable the new owner to benefit from this International Limited Warranty.

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VOLVO PENTA

AB Volvo Penta
SE-405 08 Göteborg, Sweden

Warranty Information North America

***Marine Gasoline Engines and Power Packages
Marine Diesel Engines and Power Packages, Leisure use
Marine Diesel Engines and Power Packages, Commercial use
Parts and Accessories***

- Includes***
- ***2+3 Factory Protection Program Information***
 - ***Gasoline Engine Pre-Delivery Inspection Checklist***
 - ***Diesel Engine First Launch Commissioning and Repower Checklists***
 - ***Registration Update Form***

**VOLVO
PENTA®**



PRODUCT AND APPLICATION INFORMATION

Please complete and retain this section for future reference.

Delivery date _____

Engine model and serial number(s) _____

Driveline Chassis ID(s) _____

Drive / Transmission model _____

Drive / Transmission serial number(s) _____

Transom shield serial number(s) _____

Boat manufacturer _____ Boat year _____

Boat model _____ Boat length _____

Hull ID number (HIN) _____

State / Province boat registration number _____

Propeller manufacturer and size _____

Selling dealer name, address, phone number _____

Servicing dealer name, address, and phone number _____

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

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

**VOLVO
PENTA**

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QUALITY – SAFETY – ENVIRONMENTAL CARE

Quality. Safety. Environmental Care. These are Volvo Penta's core values and 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 with your 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

For the name of your nearest authorized Volvo Penta Dealer consult your yellow pages, call 1-800-522-1959 (USA only), or 1-336-393-4968 (outside USA), or visit www.volvopenta.com.

Volvo Penta Action Service

In the event that your engine breaks down, the Action Service coordinator will quickly locate the nearest dealer. If you need a tow, parts, or a technician, the coordinator will make all arrangements necessary to get you back underway as soon as possible. Membership to Volvo Penta 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 Penta Action Service, or need additional information, please call toll-free 1-800-522-1959 (USA only), or 1-336-393-4968 (outside USA).

* Price subject to change without notice.

Warranty Coverage

Your Volvo Penta warranty coverage starts on the day you take possession of your new boat regardless of how or when you use your boat. If your product is not warranty registered at the time of delivery by your selling dealer, you will be asked to present written proof of ownership and/or delivery date to obtain warranty coverage.

Transfer of Ownership

The Volvo Penta Limited Warranty is transferable to subsequent engine 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 mail to Volvo Penta.

Volvo Penta Extended Coverage[®]

Owners of Volvo Penta diesel engines or power packages used in leisure or commercial applications may be eligible to purchase Extended Coverage. Volvo Penta Extended Coverage[®] provides comprehensive mechanical breakdown repair cost protection for Volvo Penta diesel power systems. Volvo Penta Extended Coverage[®] may be purchased any time during the first six (6) months of the factory limited warranty period. See your authorized Volvo Penta Dealer for more information.

If You Have a Problem

Your satisfaction with our products and dealer services is important. 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 Customer Relations Department at:

Volvo Penta of the Americas, LLC
1300 Volvo Penta Drive
Chesapeake, VA 23320
(866) 273-2539
(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.
- Your service and maintenance records



Volvo Penta of the Americas, LLC

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, LLC warrants that new, marine gasoline power packages will be free from defects in material or workmanship for a period of two years or 480 hours, whichever occurs first. This two-year warranty is limited to complete power packages (engine, transom shield, sterndrive, IPS, 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) are warranted for a period of one year or 300 hours, whichever occurs first.

Commercial use** - Volvo Penta of the Americas, LLC warrants that new, marine gasoline power packages of 400 propeller shaft horsepower or less 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 against defects in materials and workmanship.

OceanX - Volvo Penta of the Americas, LLC warrants that each new Volvo Penta OceanX engine, transom shield, and sterndrive will not fail mechanically as a direct result of corrosion for a period of four years.

Select emission control components on new engines are warranted by the U.S. EPA or the State of California for three years or 480 hours, whichever occurs first. Refer to the U.S. EPA Emission Control Warranty or the California Emission Control Warranty Statements for complete information.

The warranty commences on the date of delivery to the first retail purchaser, or when the Product has been operated for 25 hours, or on the first day of the 25th month from the date of shipment from Volvo Penta, whichever occurs first, and applies only to warranted defects first arising and reported to Volvo Penta or one of its authorized service dealers during the applicable warranty period. During the warranty period, the warranty is transferable to subsequent owners. Volvo Penta products are eligible for this warranty coverage only if registered with Volvo Penta. Submission of the Warranty Registration Form or other suitable dated proof of purchase is required for registration and 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.**
- 4. THE REPAIR OR REPLACEMENT OF PARTS OR THE PERFORMANCE OF SERVICE UNDER THIS WARRANTY DOES NOT EXTEND THE LIFE OF THIS WARRANTY BEYOND ITS ORIGINAL EXPIRATION DATE.**

What is Not Covered by the Warranty

- any Volvo Penta product that has been subject to misuse, abuse, accident, neglect, freezing; or that has been improperly installed, operated or maintained (including lack of maintenance).
- damage that is the result of rust, corrosion, water entry through the intake or exhaust system, or prolonged or improper storage.
- Volvo Penta product sold or transferred as part of an AS IS transaction without warranties.
- 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 lack of maintenance of, and/or use of incorrect sacrificial anodes or the cost of changing of sacrificial anodes when going between fresh and saltwater operation.
- 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.

(Continued on next page)

- costs to modify fuel systems or gear ratios 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, 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, any parts expense, normal maintenance items, and/or routine adjustments.

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. While Volvo Penta cannot deny warranty coverage solely for the lack of receipts or your failure to ensure the performance of all scheduled maintenance, Volvo Penta may deny 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 product to a Volvo Penta authorized dealer as soon as a problem exists and use all reasonable means to protect the product from further damage. Warranty repairs must be completed during the warranty period except upon the express, written authorization of a management level employee of Volvo Penta. 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 1-866-273-2539.

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, U. S. Virgin Islands, 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.

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, including occasional boat-sharing arrangements. Leisure-use excludes government, commercial or business use, whether defined as income producing or for tax considerations.

***Commercial use includes, but is not limited to* Volvo Penta engines or power packages used for revenue generating purposes, public or private waterway patrol or maintenance, or by government organizations for any use.



Volvo Penta of the Americas, LLC

1300 Volvo Penta Drive
Chesapeake, VA 23320

2+3 FACTORY PROTECTION PROGRAM (For Gasoline Power Packages Only)

This 2+3 Factory Protection Program commences on the date of expiration of the Volvo Penta North American two-year limited warranty and extends the coverage benefits described therein. It applies only (a) to gasoline engines that qualify for and are registered for the Volvo Penta North American limited warranty ("limited warranty") and installed in Model Year 2013 or later recreational boats; (b) to engines that are maintained as prescribed in the operator's manual; and (c) to warranted defects described in the limited warranty first arising and reported to Volvo Penta or one of its authorized service dealers during the period of three (3) years or 480 hours, whichever comes first, immediately following the expiration of the limited warranty (2+3 Factory Protection Program period). The 2+3 Factory Protection Program is transferable to subsequent owners during its term. Submission of the Warranty Registration Form or other suitable, dated proof of purchase is required for registration and to obtain coverage. Written proof of maintenance according to the prescribed schedule is required for 2+3 Factory Protection Program benefits.

Any part of the Volvo Penta engine or power package that is found in the reasonable judgment of Volvo Penta to be covered by the benefits of this 2+3 Factory Protection Program 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 2+3 Factory Protection Program) will be made by an authorized Volvo Penta Service Dealer at no charge during the 2+3 Factory Protection Program 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 2+3 Factory Protection Program 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 2+3 Factory Protection Program assume the identity of the engine or part being replaced, and are entitled to the remaining 2+3 Factory Protection Program only.

THE REPAIR AND REPLACEMENT REMEDIES DESCRIBED IN THIS 2+3 FACTORY PROTECTION PROGRAM 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.

What is Not Covered by the 2+3 Factory Protection Program

- any Volvo Penta product that has been subject to misuse, abuse, accident, neglect, freezing; or that has been improperly installed, operated or maintained (including lack of maintenance).
- damage that is the result of rust, corrosion, water entry through the intake or exhaust system.
- Damage from prolonged or improper storage. This includes, but is not limited to: gummed cooling or fuel systems, dried and cracking belts, hoses, impellers, bellows and seals, paint flaking and lifting, seized components, corrosion, and freeze damage.
- Volvo Penta products sold or transferred as part of an "AS IS" transaction without warranties.
- 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 lack of maintenance of, and/or use of incorrect sacrificial anodes or the cost of changing of sacrificial anodes when going between fresh and saltwater operation.
- 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 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.
- engine detonation or pre-ignition damage that cannot be directly related to a defect in Volvo Penta products, materials or workmanship.
- any failure of components damaged by the use of modified or cupped propellers.
- 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.

- any extended coverage warranted part that is scheduled for replacement as required maintenance in written instructions is warranted for the period of time prior to 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.
- First Service Inspections.
- ineffective or repeat repairs caused by misdiagnosis or improper repair procedure.

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 all service and maintenance work be performed by a Volvo Penta authorized servicing dealer. You must 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 may deny 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 product to a Volvo Penta authorized dealer as soon as a problem exists and 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 1-866-273-2539.

Other Information

This 2+3 Factory Protection Program is only valid for vessels registered and/or normally operated within the United States, Canada, and other selected areas including Bermuda, Puerto Rico, Bahamas, U. S. Virgin Islands, Saipan, and Guam . 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 or the 2+3 Factory Protection Program 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.



Volvo Penta of the Americas, LLC
 1300 Volvo Penta Drive
 Chesapeake, VA 23320

**MARINE DIESEL ENGINE (D1 THROUGH D16)
 POWER PACKAGE LIMITED WARRANTY
 LEISURE USE**

What is Warranted

Leisure Use - Volvo Penta of the Americas, LLC warrants that new, leisure-use* marine diesel power packages (engine, transom shield, sterndrive, Volvo Penta branded marine transmission, IPS, jackshaft, and engine accessories included in the vessel at the time of delivery to the first purchaser) will be free from defects in material or workmanship for the period shown in the table below:

Sterndrive, Inboard*, and S- Drive applications:

Product (Including Volvo Penta Transmissions)	Complete Driveline**		Major Components***	
	Months	Hours	Months† (Total usage)	Hours (Total usage)
D1, D2, Sail Drives	24	600	60	1,000
D3, D4, D6	24	600	60	1,000
Sterndrive (Including shield)****	24	600	No coverage	No coverage
D5, D7, D8, D9, D11, D13	24	1,000	60	2,000

IPS Applications

Product (Including IPS drive)	Complete Driveline**		Major Components***	
	Months	Hours	Months† (Total usage)	Hours (Total usage)
D4, D6	24	600	60	1,000
D8, D11, D13	24	1,000	60	2,000
D4-IPS400, D6-IPS450 MC	24	800	60	1,000

†Number of months (60) indicates total coverage period, including Major component coverage, which commences at date of delivery to the first retail purchaser.

*For non-Volvo Penta transmissions please see your supplier's documentation for warranty coverage.

**The limited warranty coverage period commences on the date of delivery to the first retail purchaser and concludes at the end of the number of months and/or hours of operation stated in the table, whichever occurs first.

***The Major component coverage period concludes at the end of the number of months and/or hours of operation stated in the table, whichever occurs first. Number of months (60) indicates total coverage period, which commences at date of delivery to the first retail purchaser.

****Major component coverage does not apply to the sterndrive and transom shield.

Major component coverage is limited to the following covered components: cylinder block casting, cylinder head casting, crankshaft forging, connecting rod forging, camshaft forging, timing gears, timing gear case, flywheel housing, intake manifold, exhaust manifold, fresh water pump housing, and oil pan. On IPS packages, the following transmission components are covered: upper gear housing casting, intermediate housing casting, lower gear housing and bearing carrier casting, SUS including steering gearbox, and driveshaft (excluding u-joint). 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.

OceanX - Volvo Penta of the Americas, LLC warrants that each new Volvo Penta OceanX transom shield and sterndrive will not fail mechanically as a direct result of corrosion for a period of four years.

The warranty commences on the date of delivery to the first retail purchaser, or when the Product has been operated for 125 hours as dealer demonstrator or dealer inventory, or on the first day of the 25th month from the date of shipment from Volvo Penta, 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 transferable to subsequent owners. Volvo Penta products are eligible for this warranty only if registered with Volvo Penta. Submission of the Warranty Registration by the selling dealer or other suitable proof of purchase is required for registration and to obtain warranty coverage.

LIMITATION AND DISCLAIMER OF IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS

TO THE EXTENT PERMITTED BY APPLICABLE LAWS:

- 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;**
- 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;**
- 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.**
- THE REPAIR OR REPLACEMENT OF PARTS OR THE PERFORMANCE OF SERVICE UNDER THIS WARRANTY DOES NOT EXTEND THE LIFE OF THIS WARRANTY BEYOND ITS ORIGINAL EXPIRATION DATE.**

* 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, including occasional boat-sharing arrangements. Leisure-use excludes government, commercial or business use, whether defined as income producing or for tax considerations.

††Commercial use includes, but is not limited to Volvo Penta engines or power packages used for revenue generating purposes, public or private waterway patrol or maintenance, or by government organizations for any use.

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

*** See page 16 for diesel engine ratings and definitions.

What is Not Covered by the Warranty

- marine transmissions and other components 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, freezing, or that has been improperly installed, operated or maintained (including lack of maintenance).
- Volvo Penta products sold or transferred as part of an AS IS transaction without warranties.
- damage that is the result of rust, corrosion, water entry through the intake or exhaust system, or prolonged or improper storage.
- damage resulting from running aground.
- damage resulting from sand, debris, or any other foreign material 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 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.
- 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. 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.
- failures that result from the use of an incorrect gear ratio or transmission not approved for use by Volvo Penta.

Note: Warranty travel time allowance for leisure or commercial-use is limited to 200 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

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. While Volvo Penta cannot deny warranty coverage solely for the lack of receipts or your failure to ensure the performance of all scheduled maintenance, Volvo Penta may deny 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 product to a Volvo Penta authorized dealer as soon as a problem exists and 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 Customer Relations Department at Volvo Penta of the Americas, 1300 Volvo Penta Drive, Chesapeake, VA 23320. Our telephone number is 1-866-273-2539.

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, U. S. Virgin Islands, 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.

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 present the product to an authorized Volvo Penta Dealer in a timely manner. All warranty repairs will be made by an authorized Volvo Penta Diesel Dealer at no charge during the warranty period and 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.



Volvo Penta of the Americas, LLC
 1300 Volvo Penta Drive
 Chesapeake, VA 23320

MARINE DIESEL ENGINE (D1 THROUGH D16) POWER PACKAGE *LIMITED WARRANTY* COMMERCIAL USE

What is Warranted

Commercial use - Volvo Penta of the Americas, LLC warrants that new, commercial-use* marine diesel power packages (engine, transom shield, sterndrive, Volvo Penta branded marine transmission, IPS, jackshaft, and engine accessories included in the vessel at the time of delivery to the first purchaser) will be free from defects in material or workmanship for the period shown in the table below:

Product (Including Volvo Penta Transmissions and sterndrives)	Rating	Complete Driveline		Major Components***	
		Months	Hours	Months† (Total usage)	Hours (Total usage)
D5, D7-D16	1	12	Unlimited	36	5,000
D5, D7-D16 Marine Genset	Prime Power	12	Unlimited	No Coverage	
D5, D7-D16	2	12	5,000	36	5,000
D9-D13, IPS650, IPS900	3	12	2,000	36	5,000
D9-D13, IPS800, IPS1050	4	12	1,000	36	2,000
D4, D6, IPS450, IPS400MC	4	12	800	36	1,000

Product (Including Volvo Penta reverse gears and drives)	Rating	Rating 5 products used in vessels designed for leisure use when used for charter or rental purposes*				Rating 5 products in Government, patrol, or commercial use other than leisure boats used for rental or charter††	
		Limited Warranty		Major Component Coverage***		Months	Hours
		Months	Hours	Months† (Total usage)	Hours (Total usage)		
D1, D2, D3-110	5	24	1,000	36	1,000	12	500
D3>110, D4, D6	5	12	500	No Coverage		12	500
IPS350, 400, 500, 600	5	12	500	No Coverage		No Coverage	
D9, D11, D13 (Engines)	5	12	50	No Coverage		12	500
IPS 900, IPS1200	5	12	500	No Coverage		No Coverage	

†Number of months indicates total coverage period, including Major component coverage., which commences at date of delivery to the first retail purchaser.

*For non-Volvo Penta transmissions please see your supplier's documentation for warranty coverage.

**The limited warranty coverage period commences on the date of delivery to the first retail purchaser and concludes at the end of the number of months and/or hours of operation stated in the table, whichever occurs first.

***The Major component coverage period concludes at the end of the number of months and/or hours of operation stated in the table, whichever occurs first. Number of months indicates total coverage period, which commences at date of delivery to the first retail purchaser.

****Major component coverage does not apply to the sterndrive and transom shield.

Major component coverage is limited to the following covered components: cylinder block casting, cylinder head casting, crankshaft forging, connecting rod forging, camshaft forging, timing gears, timing gear case, flywheel housing, intake manifold, exhaust manifold, fresh water pump housing, and oil pan. During the second and third years of the major component coverage period, parts that are damaged by non-covered parts are not covered by this warranty.

The warranty commences on the date of delivery to the first retail purchaser, or when the Product has been operated for 125 hours as dealer demonstrator or dealer inventory, or on the first day of the 25th month from the date of shipment from Volvo Penta, 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 transferable to subsequent owners. Volvo Penta products are eligible for this warranty only if registered with Volvo Penta. Submission of the Warranty Registration by the selling dealer or other suitable proof of purchase is required for registration and to obtain warranty coverage.

OceanX - Volvo Penta of the Americas, LLC warrants that each new Volvo Penta OceanX transom shield and sterndrive will not fail mechanically as a direct result of corrosion for a period of four years.

††Commercial use includes, but is not limited to Volvo Penta engines or power packages used for revenue generating purposes, public or private waterway patrol or maintenance, or by government organizations for any use.

Please note that not all engine models series are approved for commercial-use by Volvo Penta. See page 16 for diesel engine ratings and definitions.

**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.**
4. **THE REPAIR OR REPLACEMENT OF PARTS OR THE PERFORMANCE OF SERVICE UNDER THIS WARRANTY DOES NOT EXTEND THE LIFE OF THIS WARRANTY BEYOND ITS ORIGINAL EXPIRATION DATE.**

What is Not Covered by the Warranty

- marine transmissions and other components 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, freezing, or that has been improperly installed, operated or maintained (including lack of maintenance).
- Volvo Penta products sold or transferred as part of an AS IS transaction without warranties.
- damage that is the result of rust, corrosion, water entry through the intake or exhaust system, or prolonged or improper storage.
- damage resulting from running aground.
- damage resulting from sand, debris, or any other foreign material 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.
- 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. 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.
- failures that result from the use of an incorrect gear ratio or transmission not approved for use by Volvo Penta.

Note: Warranty travel time allowance for leisure or commercial-use is limited to 200 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

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. While Volvo Penta cannot deny warranty coverage solely for the lack of receipts or your failure to ensure the performance of all scheduled maintenance, Volvo Penta may deny 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 product to a Volvo Penta authorized dealer as soon as a problem exists and 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 Customer Relations Department at Volvo Penta of the Americas, 1300 Volvo Penta Drive, Chesapeake, VA 23320. Our telephone number is 1-866-273-2539.

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, U. S. Virgin Islands, 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.

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 present the product to an authorized Volvo Penta Dealer in a timely manner. All warranty repairs will be made by an authorized Volvo Penta Diesel Dealer at no charge during the warranty period and 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.

RATING CATEGORIES USED FOR MARINE DIESEL ENGINES***

Rating 1: HEAVY DUTY COMMERCIAL D5, D7-16 (inc. Marine Genset)

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 D5, D7-16

This power rating includes commercial fishing vessels with semi-planing or displacement hulls in cyclical operation running less than 5,000 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 eight 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 D8-D13, IPS600, IPS650, IPS900

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 D4, D6, IPS450, IPS400MC* D8-13, IPS650, IPS700, IPS800, IPS1050**

This power rating includes light planing craft in commercial operation running less than 800* or 1,000** 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.



Volvo Penta of the Americas, LLC

1300 Volvo Penta Drive
Chesapeake, VA 23320
757.436.5100

REPLACEMENT PARTS AND ACCESSORIES LIMITED WARRANTY

What is Warranted

Volvo Penta of the Americas, LLC warrants that all new or factory remanufactured parts and accessories sold by, but not installed by, a Volvo Penta Dealer or Distributor will be free from defects in material or workmanship for a period of one (1) year from the date of sale.

Volvo Penta of the Americas, LLC warrants that all new or factory remanufactured parts and accessories sold and installed by an authorized Volvo Penta Dealer or Distributor will be free from defects in material or workmanship for a period of two (2) years from the date of sale with the following hour limitations: Marine leisure (pleasure use) 600 hours, Marine Commercial 1,000 hours, Industrial products, prime power and VE 3,000 hours, Industrial Products "Stand-by" and fire pump 1,000 hours.

Volvo Penta of the Americas, LLC warrants that all new parts and accessories sold and installed by an authorized Volvo Penta Dealer, Distributor, or Original Equipment Manufacturer (OEM) as part of an engine package, and installed prior to hand-over to the end-customer, will be free from defects in material or workmanship for a period of two (2) years from the date of commissioning (delivery) of the Product and will carry the same hour limitations as the applicable new-product warranty.

Volvo Penta of the Americas, LLC warrants that all factory remanufactured gasoline engine longblocks sold and installed by a Volvo Penta Dealer or Distributor will be free from defects in material or workmanship for a period of three (3) years from the date of sale.

The warranty commences on the date the part or accessory is first sold or installed by an authorized Volvo Penta Dealer or Distributor, or if installed in a new vessel or other 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 transferable to subsequent owners. Suitable dated proof of purchase 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.**
- 4. THE REPAIR OR REPLACEMENT OF PARTS OR THE PERFORMANCE OF SERVICE UNDER THIS WARRANTY DOES NOT EXTEND THE LIFE OF THIS WARRANTY BEYOND ITS ORIGINAL EXPIRATION DATE.**

What is Not Covered by the Warranty

- 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.
- any Volvo Penta product sold or transferred in an AS IS transaction without warranties.
- 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.

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 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 and service 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.

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

Other Information

This warranty is only valid within the United States, Canada, and other selected areas including Bermuda, Puerto Rico, Bahamas, U. S. Virgin Islands, 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, LLC 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.

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.

GENERAL PRE-DELIVERY INSPECTION FOR ALL GASOLINE 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.
- Check tightness of sterndrive or IPS 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.

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

SAMPLE- The First Launch Commissioning should be performed by an authorized Volvo Penta servicing dealer using their VODIA (Volvo Diagnostics) tool.

VOLVO PENTA OF THE AMERICAS, INC. First Launch Commissioning Checklist and Payment Application

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/Starbord Engine	
Boat Brand	Model	Year	L.O.A
Weight as tested (lbs):	Fuel: E ¼ ½ ¾ F	Water: : E ¼ ½ ¾ F	
Additions : Tower Canvas Genset Dingy Davits Bottom Paint Other:			
Application:	Commercial	Pleasure	Hours Rating: 1 2 3 4 5 HP:
Inspecting Dealership:			
Street Address		(City)	(State) (Zip)
Dealer Number	PDC Claim number	Phone Number	

INSTALLATION CHECK

Engine securely lagged or bolted down	Oil level, engine, and transmission
Engine installed to Volvo Penta specs	Fuel lines, tank vents and fittings proper and secure
Coupling secure	Primary filter secure; no leaks
Sea cock 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 <input type="checkbox"/>
Belts – condition and adjustment	Warning lights and alarms working <input type="checkbox"/>
Cooling system – filled and purged	All water and oil drains tight <input type="checkbox"/>

ENGINE CHECK – AFTER STARTING

Oil pressure – cold	Recheck transmission oil <input type="checkbox"/>
Exhaust system – no leaks	Oil leaks: (yes/ no/none) 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 output: Volts

SEA TRIAL Conditions: Ambient Temperature: Seas: Wind:

Oil pressure – hot/idle psi	Turbo boost@ max throttle
Water temperature – hot	Turbo boost@ cruise throttle
Maximum RPM underway	All systems normal during test (yes/no)
Reference RPM/Speed (300 RPM below rated RPM) average up/downwind :	RPM mph/kn
Maximum speed up-wind: mph/kn	Maximum speed down-wind: mph/kn
Speed measured by: <input type="checkbox"/> GPS <input type="checkbox"/> Other	Alignment acceptable: <input type="checkbox"/> Yes <input type="checkbox"/> Needs adj.

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

Owner's name and address

Warranty registration card mailed <input type="checkbox"/>	Volvo Action Service explained to owner <input type="checkbox"/>
Warranty terms explained <input type="checkbox"/>	Maintenance schedule reviewed <input type="checkbox"/>
First Service Commissioning explained <input type="checkbox"/>	Owner's manual reviewed <input type="checkbox"/>

Owner's Signature

Inspecting Technician's Signature

Date & Place of Inspection

Delivery Date:

VOLVO PENTA OF THE AMERICAS, LLC

Repower Checklist and Exception Report

Engine Model

Ser #

Certificate No

Dealer Number

Delivery Date

This is a supplement to the First Launch Commissioning Checklist and Payment Application. Please fill out this form completely if this installation is a prototype installation or repower, or is otherwise not a standard production boat installation. List any defects found or corrections that need to be made. General comments pertaining to the installation are also appreciated.

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		Gauges and alarm: Volvo Penta Other
Adequate clearance for servicing engine		EDC installed to Volvo Penta specification

List conditions that need correction.

Comments

Owners Signature

Inspecting Technicians Signature

Date & Place of inspection:



Volvo Penta of the Americas, LLC

1300 Volvo Penta Drive
Chesapeake, VA 23320
866-273-2539
FAX 757-436-5152

PRODUCT REGISTRATION UPDATE FORM

This form is to be used to update owner information with Volvo Penta of the Americas, LLC 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, LLC.
1300 Volvo Penta Drive
Chesapeake, VA 23320

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Gasoline Engine Emission Control Warranty Information United States

Marine Gasoline Engines

- Includes:***
- ***US EPA Emission Control
Warranty Statement***
 - ***California Emission Control
Warranty Statement***

**VOLVO
PENTA**



PRODUCT AND APPLICATION INFORMATION

Please complete and retain this section for future reference.

Delivery date _____

Engine model and serial number(s) _____

Driveline Chassis ID(s) _____

Drive / Transmission model _____

Drive / Transmission serial number(s) _____

Transom shield serial number(s) _____

Boat manufacturer _____ Boat year _____

Boat model _____ Boat length _____

Hull ID number (HIN) _____

State / Province boat registration number _____

Propeller manufacturer and size _____

Selling dealer name, address, phone number _____

Servicing dealer name, address, and phone number _____

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

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

QUALITY – SAFETY – ENVIRONMENTAL CARE

Quality. Safety. Environmental Care. These are Volvo Penta's core values and 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 with your Volvo Penta product.

The coverage detailed in this Emissions 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 visit 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 technician, 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.

Warranty Coverage

Your Volvo Penta warranty coverage starts on the day you take possession of your new boat regardless of how or when you use your boat. If your product is not warranty registered at the time of delivery by your selling dealer, you will be asked to present written proof of ownership and/or delivery date to obtain warranty coverage.

Transfer of Ownership

The Volvo Penta Limited Warranty is transferable to subsequent engine 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 mail to Volvo Penta.

If You Have a Problem

Your satisfaction with our products and dealer services is important. 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 Customer Relations Department at:

Volvo Penta of the Americas, LLC
1300 Volvo Penta Drive
Chesapeake, VA 23320
(866) 273-2539
(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.
- Your service and maintenance records



Volvo Penta of the Americas, LLC

1300 Volvo Penta Drive
Chesapeake, VA 23320

866-273-2539

FAX 757-436-5152

PRODUCT REGISTRATION UPDATE FORM

This form is to be used to update owner information with Volvo Penta of the Americas, LLC 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 of the Americas, LLC
1300 Volvo Penta Drive
Chesapeake, VA 23320

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 2017 or later stern drive engine. Your new stern drive 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 stern drive 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 stern drive engine at no cost to you, including diagnosis, parts and labor.

MANUFACTURER'S WARRANTY COVERAGE

Select emission control parts from 2017 or later stern drive 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 stern drive 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 stern drive 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 stern drive 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 stern drive 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)	5) Air induction system a) Intake manifold
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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	6) Exhaust System a) Catalytic converter b) Exhaust manifold c) Exhaust valve(s)
3) Positive crankcase ventilation system a) PCV valve b) Oil filler cap	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
4) Lubrication System a) Oil pump and internal parts	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.



Volvo Penta of the Americas, LLC
1300 Volvo Penta Drive
Chesapeake, VA 23320

CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT

YOUR EMISSION CONTROL WARRANTY RIGHTS AND OBLIGATIONS

Applies only to new engines purchased in California for use in California.

The California Air Resources Board and Volvo Penta are pleased to explain the emission control system warranty on your 2017 stern drive engines. 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 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 (i.e., a defect in materials or workmanship) exists, Volvo Penta will repair your sterndrive engine at no cost to you, including diagnosis, parts and labor.

MANUFACTURER'S LIMITED WARRANTY COVERAGE

Select emission control parts from 2017 sterndrive engines are warranted for 3 years or 480 hours, whichever occurs first. All Volvo Penta engines listed above are equipped with sophisticated electronic engine control modules which record hours of use and which cannot be reset. Using special tools, Volvo Penta authorized dealers can obtain the actual hours of usage from the engine control modules. 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 sterndrive engines certified and produced by Volvo Penta of the Americas. The Volvo Penta Marine Gasoline Engine and Power Package Limited Warranty is still applicable to these models with the necessary modifications.

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: misuse, abuse, improper adjustments, modifications, alteration, tampering, disconnection, improper or inadequate maintenance, or use of fuels not recommended for the engine as described in the Operator's Manual.
- Damage resulting from accident, acts of nature or other events beyond the control of Volvo Penta.
- The replacement of expendable maintenance items such as exhaust system, filters, hoses, belts, oil, thermostat, and coolant made in connection with scheduled maintenance services once these parts have been replaced.
- Add-on or modified parts, as defined in Section 1900(b)(1) and (b)(10), Title 13, that are not exempted by the Air Resources Board 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.

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.

Volvo Penta wishes to help assure that the Emission Control Systems Warranty is properly administered. In the event that you do not receive the warranty service to which you believe you are entitled under the Emissions Control Systems Warranty or 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. Our facsimile number is 1-757-436-5150.

GENERAL EMISSIONS WARRANTY COVERAGE

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:

IMPORTANT! This may not include expendable maintenance items. 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) Air induction system a) Intake manifold
3) Ignition system a) Spark plugs b) Electronic ignition system c) Ignition coil and/or control module d) Ignition wires e) Spark advance/retard system	4) Exhaust System a) Catalytic converter b) Exhaust manifold c) Exhaust valve(s)
5) Positive crankcase ventilation system a) PCV valve b) Oil filler cap	6) 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
7) Lubrication System a) Oil pump and internal parts	

VOLVO PENTA

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

Emission Control System Warranty Statement

Marine and industrial diesel engines
Supplement to Operator's Manual (USA)

Marine engines

This Emission Control System Warranty Statement applies only to engines sold for use in USA or California that are in conformity with US EPA or California ARB Model Year 2018 regulations.

Industrial engines

This Emission Control System Warranty Statement applies only to engines type-approved for conformity with US EPA or California ARB Model Year 2018 regulations

This Emission Control Warranty applies to compression ignition engines manufactured by AB Volvo Penta (Volvo Penta) and engines manufactured by Deutz AG and Perkins Engines Co Ltd. by order of Volvo Penta.

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 in the machine or vessel. Such an instrument is an important aid to monitoring correct service intervals and emission control maintenance.

**VOLVO
PENTA**

Federal emission control system warranty statement

Manufacturer's warranty coverage

Volvo Penta warrants to the original owner, and to each subsequent owner, of a new diesel engine that the emission control system of your engine:

1. Was designed, built and equipped so as to conform at the time of sale with all applicable regulations of the U.S. Environmental Protection Agency and of the California Air Resources Board.
2. Is free from defects in material and workmanship which will cause such engine to fail to conform with applicable regulations for a warranty period in hours and years of engine operation listed below, whichever occurs first.

Warranty period in hours and years of engine operation, whichever occurs first:

- TAD560VE-TAD561VE, TAD570VE-TAD572VE, TAD650VE, TAD660VE, TAD750VE, TAD760VE-TAD765VE, TAD870VE-TAD873VE, TAD950VE-TAD952VE, TAD1170VE-TAD1172VE, TAD1360VE-TAD1365VE, TAD1371VE-TAD1375VE, TAD1643VE, AD1643VE-B, TAD1650VE, TAD1660VE-TAD1662VE, TAD1670VE-TAD1672VE, TAD550GE-TAD551GE, TAD750GE-TAD754GE, TAD1350GE-TAD1355GE, TAD1641GE-TAD1642GE, TAD1650GE-TAD1651GE, TWD1643GE, TWD1645GE, TWD1663GE, TWD1672GE-TWD1673GE: 5 years or 3,000 hours of engine operation.
- D1, D2, D3-110, D8, D9, D11 and D13 marine compression ignition engines categorized as recreational engines: 5 years or 1000 hours of engine operation.
- D3 > 110, D4 and D6 marine compression ignition engines categorized as recreational engines: 5 years or 800 hours of engine operation.
- D4 and D6 marine compression ignition engines categorized as commercial engines: 5 years or 2,500 hours of engine operation.
- D8, D9, D13 and D16 marine compression ignition engines categorized as commercial engines: 5 years or 5,000 hours of engine operation.

The warranty period shall begin:

- on the date the machine or vessel first is delivered to the first retail purchaser or:
- if the machine or vessel is placed in service for demonstration purposes prior to sale at retail, on the date the engine is first placed in service.

The emission control systems of your new Volvo Penta engine were designed, built and tested using genuine parts, and the engine is certified as being in conformity with Federal and California emission control regulations. Accordingly, it is recommended that any replacement parts used for maintenance, repair or replacement of emission control systems be Volvo Penta parts.

The owner may elect to have maintenance, replacement

or repair of the emission control components and systems certified by US Environmental Protection agency performed by any repair establishment or individual and may elect to use parts other than Volvo Penta parts for such maintenance, replacement or repair without invalidating this warranty: the cost of such services or parts, however, will not be covered under the 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 manufacturer 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.

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.

The emissions control parts covered by this Emission Control System Warranty are listed under "What is Covered By The Emission Warranty". You are responsible for the performance of all scheduled maintenance or repairs on your new Volvo Penta engine. Volvo Penta may deny a warranty claim if your failure to perform maintenance resulted in the failure of a warranted part. Receipts covering the performance of regular maintenance should be retained in the event questions arise concerning maintenance. The receipts should be transferred to each subsequent owner of the machine or vessel with the emission warranted engine.

For Volvo Penta diesel engines in accordance with United States Environmental Protection Agency 40 CFR parts 89, 94, 1039, 1042 and 60 subpart IIII.

Customer assistance

Volvo Penta wishes to help assure that the Emission Control Systems Warranty is properly administered. In the event that you do not receive the warranty service to which you believe you are entitled under the Emission Control Systems Warranty, you should contact Volvo Penta at the address below for assistance. If you need additional assistance or information concerning the Emission Control System Warranty, contact:

Volvo Penta of the Americas, Inc.
Service Department 1300,
Volvo Penta Drive Chesapeake,
VA 23320-9810
USA

Telephone: 757-436-2800
Fax: 757-436-5158

What is not covered by the emission control system warranty

This warranty does not cover:

1. Malfunctions in any part caused by any of the following: misuse, abuse, improper adjustments, modifications, alteration, tampering, disconnection, improper or inadequate maintenance, or use of fuels not recommended for the engine as described in the Operator's Manual.
2. Damage resulting from accident, acts of nature or other events beyond the control of Volvo Penta.
3. The replacement of expendable maintenance items such as exhaust system, filters, hoses, belts, oil, thermostat, and coolant made in connection with scheduled maintenance services once these parts have been replaced.
4. Add on parts or modified items which are not approved by Volvo Penta.
5. Consequential damage as loss of time, inconvenience, loss of use of machine or vessel, engine or commercial loss.
6. Any machine or vessel on which the hour meter has been disconnected or the hour record has been altered so the actual usage cannot be readily determined.
7. Marine engines operated outside the United States or Canada

What is covered by the emission control system warranty

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:

IMPORTANT! This may not include expendable maintenance items. Emission related parts requiring scheduled maintenance are warranted until their first scheduled replacement point for that part.

1. Fuel Metering System.
 - Fuel injection system.
2. Air Induction System.
 - Intake manifold.
 - Turbocharger/Supercharger (if applicable for your engine type).
 - Charge Air Cooling Systems (if applicable for your engine type).
3. Exhaust Gas Recirculation (EGR) System (if applicable for your engine type).
 - EGR control system.
4. Closed Crankcase Ventilation System (if required by applicable regulation and for your engine type).
 - Oil mist separator/filter.
5. After treatment devices.
 - SCR catalyst
 - DEF Dosing system

6. Miscellaneous Items Used in Above Systems (if applicable for your engine type).

- Vacuum, temperature, and time sensitive valves and switches.
- Electronic control units, sensors, solenoids, and wiring harnesses.
- Hoses, belts, connectors, assemblies, clamps, fittings, tubing, sealing gaskets or devices, and mounting hardware.
- Pulleys, belts and idlers.
- Emission Control Information Labels.

California emission control warranty statement

- your warranty rights and obligations

Applies only to new engines type approved for conformity with California ARB Regulation and the following engine types:

D1-13, D1-20, D1-30, D2-40, TAD560VE-TAD561VE, TAD570VE-TAD572VE, TAD650VE, TAD660VE, TAD750VE, TAD760VE-TAD765VE, TAD870VE-TAD873VE, TAD950VE-TAD952VE, TAD1170VE-TAD1172VE, TAD1360VE-TAD1365VE, TAD1371VE-TAD1375VE, TAD1643VE, TAD1650VE, TAD1660VE-TAD1662VE, TAD1670VE-TAD1672VE, TAD550GE-TAD551GE, TAD750GE-TAD754GE, TAD1350GE-TAD1355GE, TAD1641GE-TAD1642GE, TAD1650GE-TAD1651GE, TWD1643GE, TWD1645GE, TWD1663GE, TWD1672GE-TWD1673GE:

The California Air Resources Board and Volvo Penta is pleased to explain the emission control system warranty on your new engine. In California, new heavy duty off-road engines must be designed, built and equipped to meet the State's stringent antismog standards.

Volvo Penta must warrant the emission control system on your engine for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your engine.

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

Where a warrantable condition exists, Volvo Penta will repair your heavy duty off-road engine at no cost to you including diagnosis, parts and labor.

Manufacturer's warranty coverage

Volvo Penta warrants to the original owner, and to each subsequent owner, of a new diesel engine that the emission control system of your engine:

1. Was designed, built and equipped so as to conform at the time of sale with all applicable regulations of the U.S. Environmental Protection Agency and of the California Air Resources Board.

2. Is free from defects in material and workmanship which will cause such engine to fail to conform with applicable regulations for a warranty period in hours and years of engine operation listed below, whichever occurs first.

The 1996 and later heavy duty off-road engines are warranted for:

D1-13 and D1-20: 2 years or 1,500 hours of engine operation, whichever occurs first.

D1-30, D2-40, TAD560VE-TAD561VE, TAD570VE-TAD572VE, TAD650VE, TAD660VE, TAD750VE, TAD760VE-TAD765VE, TAD870VE-TAD873VE, TAD950VE-TAD952VE, TAD1170VE-TAD1172VE, TAD1360VE-TAD1365VE, TAD1371VE-TAD1375VE, TAD1643VE, TAD1650VE, TAD1660VE-TAD1662VE, TAD1670VE-TAD1672VE, TAD550GE-TAD551GE, TAD750GE-TAD754GE, TAD1350GE-TAD1355GE, TAD1641GE-TAD1642GE, TAD1650GE-TAD1651GE, TWD1643GE, TWD1645GE, TWD1663GE, TWD1672GE-TWD1673GE:

5 years or 3,000 hours of engine operation, whichever

occurs first.

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

The warranty period shall begin:

- on the date the machine or vessel first is delivered to the first retail purchaser or
- if the machine or vessel is placed in service for demonstration purposes prior to sale at retail, on the date the engine is first placed in service.

The emission control systems of your new Volvo Penta engine were designed, built and tested using genuine parts, and the engine is certified as being in conformity with Federal and California emission control regulations. Accordingly, it is recommended that any replacement parts used for maintenance, repair or replacement of emission control systems be Volvo Penta parts.

The owner may elect to have maintenance, replacement or repair of the emission control components and systems certified by US Environmental Protection agency performed by any repair establishment or individual and may elect to use parts other than Volvo Penta parts for such maintenance, replacement or repair without invalidating this warranty: the cost of such services or parts, however, will not be covered under the warranty.

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.

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.

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.

The emissions control parts covered by this Emission Control System Warranty are listed under "What is Covered By The Emission Warranty". You are responsible for the performance of all scheduled maintenance or repairs on your new Volvo Penta engine. Volvo Penta may deny a warranty claim if your failure to perform maintenance resulted in the failure of a warranted part. Receipts covering the performance of regular maintenance should be retained in the event questions arise concerning maintenance. The receipts should be transferred to each subsequent owner of the machine or vessel with the emission warranted engine.

Owner's warranty responsibilities

As the heavy duty off-road 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 heavy duty off-road engine, but Volvo Penta cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

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

Your engine is designed to operate on diesel fuel only. Use of any other fuel may result in your engine no longer operating in compliance with California's emissions requirements.

You are responsible for initiating the warranty process. The ARB suggests that you present your heavy duty off-road or marine engine to a Volvo Penta dealer as soon as a problem exists. The warranty repairs should be completed by the dealer as expeditiously as possible.

If you have any questions regarding your warranty rights and responsibilities, you should contact Volvo Penta of the Americas at 757-436-2800.

Customer assistance

Volvo Penta wishes to help assure that the Emission Control Systems Warranty is properly administered. In the event that you do not receive the warranty service to which you believe you are entitled under the Emission Control Systems Warranty, you should contact Volvo Penta at the address below for assistance. If you need additional assistance or information concerning the Emission Control System Warranty, contact:

Volvo Penta of the Americas, Inc.
Service Department 1300,
Volvo Penta Drive
Chesapeake,
VA 23320-9810
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Telephone: 757-436-2800

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