

SAILBOAT ACCESSORIES

COMFORT, MANOEUVRING AND RELIABILITY



**VOLVO
PENTA**

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CONCENTRATE ON THE SAILING

We are a leading supplier of engines to sailboat builders all over the world. And we don't stop there. Our range of accessories for sailors helps you with improved battery charging, easy docking, better onboard comfort and much more.

You get quality products ready for demanding marine use – available when you order your boat or later from your dealer. What's more, you get one contact for everything: Volvo Penta dealers handle service, support and warranties for all Volvo Penta and QL products. This means simpler ownership and more time for sailing.

This brochure presents accessories for the current Volvo Penta engine range. For the range of accessories suitable for other engines, please contact your dealer.



THRUSTER REMOTE CONTROL. Bow thruster operation in the palm of your hand. Page 04



FOLDING PROPELLERS. Follow the line of least resistance – for minimum drag. Page 06



BOW THRUSTER. Make docking a lesser worry. Precision manoeuvring is a lot easier with the help of our bow thrusters. Page 04

**VOLVO PENTA DEALERS – AT YOUR SERVICE
IN MORE THAN 100 COUNTRIES.**



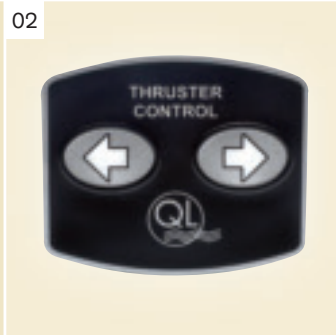
DRIVING AND MANOEUVRING

The full range of bow thrusters takes all the worries out of docking. The system for electronic shift and throttle is smooth and precise. Whether you choose top- or side-mounted controls, the power is in your hand.

01



02



03



04



05



BOW THRUSTER (05)

The hydrodynamic design, propeller performance and efficient transmission give you maximum manoeuvring power. Built-in safety functions include overheating protection and direction switch delay.

The compact **CT600** and **CT900** thrusters with direct belt drive are efficient, easy to install and require almost no maintenance.

Joystick (01), lever/button or touch panel (02) for single or multiple helms. For 12 or 24 volts.

Remote control (04). Operate the bow thruster from anywhere you want on the boat. Floating and splashproof remote control with coded radio signal.

ELECTRONIC SHIFT AND THROTTLE

Upgrade your mechanically controlled engine to electronic shift and throttle. You get smooth shifting and fingertip control. The CAN-bus technology provides plug-and-play installation with high safety. Maintenance is minimal thanks to features such as composite casings, cables and connectors.

CONTROLS (03)

There is a wide range of top- and side-mounted controls available for mechanical or electronic systems.

INSTRUMENTATION

The information you want, at up to four different places on board, including the availability of engine data in your chart plotter. The instruments are developed for Volvo Penta engines, and give highly accurate readings and reliability.

FOR D1 AND D2 ENGINES

Standard instrumentation consists of the **tachometer with info display** (07) that gives you continuous readings of the rpm and engine running hours. Alarm with audible signals. These can be complemented with:

The **EVC display** (06) that shows the rpm, engine hours, charge, engine temperature and fuel level. Extra senders also give speed, water temperature and depth.

Separate instruments for charge, fuel level, engine temperature and alarms.

NMEA 2000 (05) interface to get rpm, operating time, fuel level and engine temperature in a compatible chart plotter.

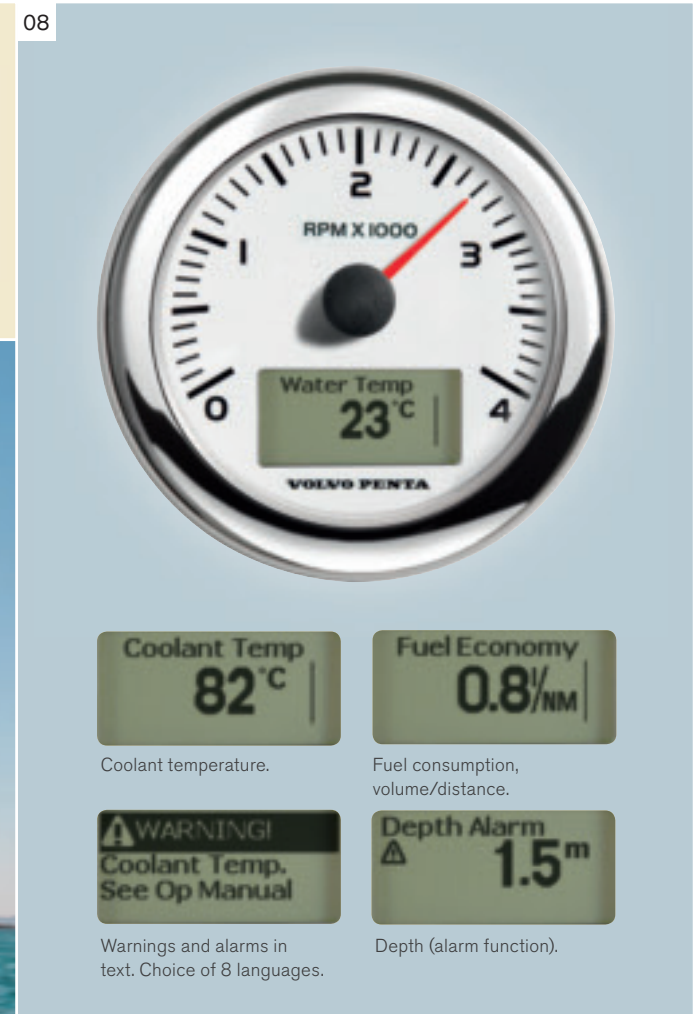
FOR D3 AND D4 ENGINES

Standard instrumentation consists of either the **tachometer with info display** (08) or the **EVC display** (07). Both alternatives give continuous readings of rpm, engine hours, voltage, coolant temperature, turbo pressure (D3), oil pressure (D4) and alarms – with audible signals. Optional sensors also give information on fuel level, water level, rudder angle, speed, water temperature and depth.

Separate instruments for voltage, fuel level, coolant temperature and alarms are available.

Combined with a compatible chart plotter, the **NMEA 2000** (06) interface makes it possible to display engine data as rpm, engine hours, voltage, coolant temperature, turbo pressure (D3) and oil pressure (D4) and alarms.

With the D3/D4 you can add full trip-computer function with data such as fuel rate, trip time, average fuel rate, and estimated remaining time to empty. Add extra sensors for information on fuel consumption, average fuel consumption, and estimated remaining distance.



ENGINE ACCESSORIES

Get the most out of your engine: lower drag and higher thrust, high-efficiency battery charging, and safe fuel supply with the right accessories. Since Volvo Penta knows your engine, you are better off always choosing Genuine Volvo Penta accessories and parts.



FOLDING PROPELLERS

Minimal drag while sailing. Maximum thrust under power. Quiet, vibration-free running. Three strong reasons for the unique Volvo Penta folding propeller. Large blade area, patented elliptical profile (high skew) and dependable design with tough conical teeth are the features behind the benefits.

Range 5-120 hp:

2-blade. For 5-40 hp. (09)

3-blade. For 25-60 hp. (10)

4-blade. For 55-120 hp. (11)

All models are available for saildrive and shaft.

PROPELLER SHAFT SYSTEM

Complete systems including the unique, high-reliability and low-maintenance shaft sealing.

FIXED PROPELLERS

A complete range of 2, 3 and 4-blade bronze propellers for shaft installations means that you can always find the right propeller for optimal performance. The propellers are available for shaft diameters from 25 up to 45 mm.

FUEL SYSTEM

A reliable supply of clean fuel is absolutely essential for safe engine operation. Volvo Penta supplies everything required for a reliable system.

Fuel filter. (13) Efficient pre-filters for each engine series remove water and particles. They are easy to inspect and clean for high reliability.

Diesel fuel decontaminator. Diesel fuels often contain microorganisms that can start to grow and clog up the fuel system. The fuel decontaminator solves this problem permanently.

ELECTRICITY AND AUXILIARY

Volvo Penta engines are well equipped as standard with a powerful alternator. But as sailboats often use the engine only for short periods, and still carry lots of electricity consumers, your Volvo Penta engine can be upgraded with an extra alternator to give truly high-capacity charging.

Extra alternator. (12) From 60A/12V to 140A/24V. Adapted to the capacity of each engine to ensure efficient charging regardless of engine speed.

Distributor. For handling efficient charging of multiple battery banks.

Power take-off. For powering hydraulics, etc. Adapted to each engine series.

LUBRICATION, OIL AND COOLANT (14)

Developed to match the specific demands of Volvo Penta leisure boat engines. Perfect lubrication in all operating temperatures. It even maintains its quality during long periods without use. Check with your Volvo Penta dealer to get the perfect products for your engine.

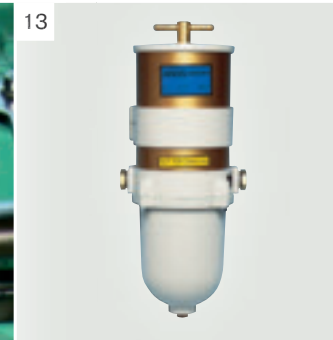
EXHAUST SYSTEM

Complete system with silencers, hoses, elbows and everything else needed. Perfectly in tune with the respective engine series.

12



13



14



ONBOARD COMFORT

Just-like-home water system, cabin heating that feeds off the engine and pressurized water to hose down a dirty rope, dinghy or the deck. This – and much more – is in our range of comfort-enhancing products.



WATER SYSTEM

Reliable onboard water for a more relaxing onboard life.

Water heater. (16) Robust design in stainless steel that meets highest sanitary requirements. The water heater is easily connected to the engine cooling system to heat water with the excess engine heat, and it can also be connected to 110 or 220 V shore power. Five models from 20 to 60 litres.

Water supply pump. Reliable pumps with capacities to suit one or multiple taps. The optional filter protects the water supply pump from contamination and with an accumulator tank, the water flow is more even.

AIR HEATER (15)

This works just like the heating in your car. Perfectly integrated with your engine, it utilizes the excess engine heat and converts it into heated air which is distributed in the cabin or as a defroster.

WASH-DOWN AND FLEXI PUMPS

The wash-down pumps come complete for efficient onboard cleaning with flushing nozzle, hose connection, filter, pressure switch and non-return valve. The flexi pumps are versatile and can be used for many purposes such as deckwash, bilge pumps, and pumping fresh water and diesel fuel.

SOUND ABSORBENT

Highly efficient sound-absorbent panels made of recycled plastic foam and protected by an oil-resistant film. Easy to cut to shape. Available as self-adhesive or non-adhesive and in 20, 30 and 50 mm thicknesses.

SAFETY

Safety at sea is very much a matter of being prepared if things go wrong. Automatic bilge pumps have high capacity to cope with large volumes. And the right set of spare parts and tools on board can come to the rescue in many situations.

SUBMERSIBLE BILGE PUMP (17)

An automatic bilge pump gives you maximum security, even when you are not on your boat. This reliable water-cooled motor is ignitionproof and offers high efficiency. It is simple to service and clean. Six models with capacities from 30 to 130 l/min.

Float switches. Boost safety, activating the pump as soon as bilge water is detected. Mechanical or electronic.

MANUAL BILGE PUMP

For safety reasons, you should always install a manual bilge pump on board. Capacity: up to 90 l/min.

OIL ABSORBENT (18)

Pads and bilge booms for environmental disposal of petroleum spills. Superabsorbents of oil, yet they do not absorb water.

BELT GUARD

Protection from moving parts on the engine improves safety in the engine bay or engine room.

ONBOARD KIT (19)

A must for every serious boater. A pre-packed kit with the parts needed for the most common technical problems, such as drive belt, impeller and fuel filter. Designed for each engine series and, of course, containing Genuine Volvo Penta parts.

17



18



19



ALL UNDER THE SAME ROOF

A new propeller or water heater, engine service or even repower with a new engine? It's all part of the one-stop service and support provided by your Volvo Penta dealer. Available in a marina close to you in more than 100 countries.



TWO BRANDS – ONE CONTACT

Volvo Penta dealers market, service and support accessories under two brand names:

Volvo Penta is the brand for parts and accessories that are integrated in the engine's or drive system's function. They are developed specifically for Volvo Penta engines and drives.

QL – Quality Line – is a series of marine accessories supported by the Volvo Penta dealer network and selected independent dealers worldwide. Each product is developed and manufactured to the standards required for the demanding conditions at sea. QL is available at Volvo Penta dealers who also handle any warranty or service issue you may have.

COMPETENT SUPPORT

Modern marine engines and accessories are often highly sophisticated. The Volvo Penta dealer organization is well equipped to handle this with:

- **Well-trained dealers.**
- **On-line access to updated documentation.**
- **Back-office specialists available to support all dealers.**
- **High-efficiency logistics to secure safe supply of parts.**

ACTION SERVICE

Action Service telephone lines are open 24 hours a day, 365 days a year, ready to assist Volvo Penta owners. A multi-lingual operator helps you to get qualified support from the Volvo Penta dealer network. (Available in Europe and North America.)

WHAT ACCESSORIES MATCH MY ENGINE

ENGINE MODEL

	D1-13	D1-20	D1-30	D2-40	D2-55	D2-75	D3-110	D4-180
Driving and manoeuvring								
Electronic shift and throttle	●	●	●	●	●	●	●	●
Control head, EVC engines								●
Control head and control cables, non-EVC engines	●	●	●	●	●	●	●	●
Instrumentation								
Tachometer with info display	●	●	●	●	●	●	●	●
EVC main panel	●	●	●	●	●	●	●	●
EVC display	●	●	●	●	●	●	●	●
NMEA 2000 interface	●	●	●	●	●	●	●	●
Trip computer software							●	●
Voltage	●	●	●	●	●	●	●	●
Coolant temperature	●	●	●	●	●	●	●	●
Alarm instrument	●	●	●	●	●	●	●	●
Fuel tank level (requires sensor)	●	●	●	●	●	●	●	●
Water tank level (requires sensor)							●	●
Turbo pressure							●	●
Oil pressure								●
Auxiliary Dimmer Unit (ADU)	●	●	●	●	●	●	●	●
Engine accessories								
Propeller shaft system, incl. propeller	●	●	●	●	●	●	●	●
Fuel system, incl. fuel filter/water separator	●	●	●	●	●	●	●	●
Fuel decontaminator	●	●	●	●	●	●	●	●
Extra alternator		●	●	●	●	●	●	●
Charging distributor	●	●	●	●	●	●	●	●
Power take-off		●	●	●	●	●	●	●
Exhaust system components	●	●	●	●	●	●	●	●
Engine and transmission oil	●	●	●	●	●	●	●	●
Coolant	●	●	●	●	●	●	●	●
Comfort								
Water supply pump	●	●	●	●	●	●	●	●
Air heater	●	●	●	●	●	●	●	●
Wash-down and flexi pumps	●	●	●	●	●	●	●	●
Macerator pump	●	●	●	●	●	●	●	●
Sound absorbent	●	●	●	●	●	●	●	●
Safety								
Electronic bilge pump	●	●	●	●	●	●	●	●
Manual bilge pump	●	●	●	●	●	●	●	●
Onboard kit	●	●	●	●	●	●	●	●
Oil absorbent	●	●	●	●	●	●	●	●

● Product available for marked engine.

VOLUME, LITRES

Water heater models	20	22	30	40	60
110 V	●	●	●	●	●
220 V	●	●	●	●	●

ENGINE MODEL

Propellers	D1-13	D1-20	D1-30	D2-40	D2-55	D2-75	D3-110	D4-180
Folding propellers, saildrive 2-blade	●	●	●	●				
Folding propellers, saildrive 3-blade			●	●	●			
Folding propellers, saildrive 4-blade						●		
Folding propellers, shaft 2-blade	●	●	●	●				
Folding propellers, shaft 3-blade			●	●	●			
Folding propellers, shaft 4-blade					●	●	●	
Fixed propellers, saildrive	●	●	●	●	●	●		
Fixed propellers, shaft	●	●	●	●	●	●	●	●

A comprehensive propeller guide available at your dealer and at www.volvopenta.com

BOAT LENGTH, FEET

Bow thrusters	20	25	30	35	40	45	50	55	60	65	70	75
BP 300	●	●										
CT 600		●	●	●	●							
CT 900				●	●	●	●					
BP 1200							●	●	●	●	●	
BP 1300							●	●	●	●	●	●

● Table shows recommended thruster according to boat length. Talk to your dealer or boat builder for exact calculations.



THE VOLVO PENTA GREEN COMMITMENT

Reducing environmental impact is a global challenge. As industry leaders in leisure boat power, our commitment includes:

- State-of-the-art engines that deliver more performance and less environmental impact.
- Revolutionary propulsion systems that offer a better boating experience and a dramatic cut in CO₂ emissions.
- Smart accessories that enable eco-driving.
- Manufacturing in environmentally certified world-class production facilities.

The Volvo Penta green commitment is a benefit to you and to the environment.

GETTING READY FOR ANOTHER LAP

In October 2008, Alicante, Spain, sees the start of the next Volvo Ocean Race. The ultimate test for the world's offshore sailors – and Volvo Penta.

Just as before, every boat will rely on Volvo Penta engines to supply electrical power, heating, drinking water and more. Engines and accessories straight from the production line, the same products you can find at any Volvo Penta dealer. And there are many along the route!



www.volvooceanrace.org



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