

Summer 2013

MARINE TORQUE TALK

What's happening on the water from ...

VOLVO PENTA

NEW WARRANTY CONDITIONS

Marine Leisure Warranty 2+3 year



Volvo Penta Marine Leisure is launching a New Warranty 2+3 year.

During the first two years of usage or max running hours, the new Volvo Penta International Limited Warranty offers repair or replacement of defective parts on all the product. The warranty has a 2 year time constraint or an operation-hour limit, whichever occurs first, for the engines and transmissions.

Major Components receive additional protection, with up to 3 year warranty, which takes effect as the initial warranty period has expired. This provides the boat owners with additional protection. For definitions of major components for engines and IPS, please see

http://www.volvopenta.com/VolvoPenta/Global/EN-GB/Marine_Leisure_Engines/Parts_Service/Warranty/Pages/Warranty.aspx

EXTENDED COVERAGE

Three extra years of full coverage

In addition to our new 2+3 warranty, you can now sign up for our Extended Coverage programme and get an extra three years full coverage of the complete package - from helm station, engines, drives, to the propellers. By this you will stay ahead of possible, future repair costs.

Add Volvo Penta's global dealer network—available in more than 130 countries - and you have everything you need for the perfect boat cruise.

The Extended Coverage programme gives you the same full coverage as the two first years of warranty. It covers repair and replacement of defective parts. This includes all Volvo Penta branded products, excluding consumables such as filters, hoses and belts.

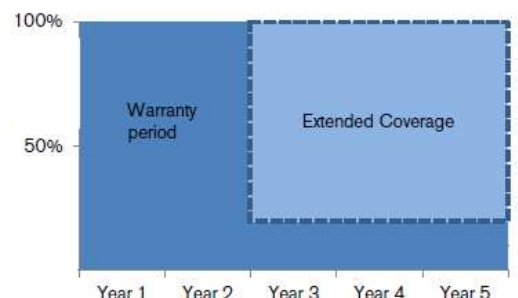
The Extended Coverage programme is purchased (by the end user) when the propulsion package is ordered or within three months from the date of warranty registration.



THE EXTENDED COVERAGE PROGRAMME

covers all diesel and gasoline propulsion packages used in leisure applications.

Components covered



JAUNT

Jaunt Refit

The First Espresso 40 Gets a New Heart

Originally designed in 2004 for Oscar Yachts by Bill Upfold as a production Picnic boat to be built by Burch and Mason in Whangarei, *Jaunt* was the first of six to have been built to date.

When the current owner decided to upgrade *Jaunt* he went to Auckland-based Lloyd Stevenson Boatbuilders, a company that has an excellent reputation for not only new builds, but also refit work. Lloyd Stevenson is also very familiar with the Bill Upfold/Elite Marine designs, having built over 20 and is currently well into the construction of an Upfold-designed 17.8m Mid Pilothouse.



New Heart

Perhaps the most major change to *Jaunt* has been the engine swap. Out went the Volvo Penta KAD 300A (285HP) after 600 hours of service, in went a new Volvo Penta D6 400 Duo Prop, supplied by Auckland Volvo Penta dealer, Ovlov Marine. To enable this to fit, the new engine was located further forward in the engine bay to allow it to clear the underside of the sole and a universal jack shaft now links to the DPH stern leg. An inboard waterlock muffler system and underwater exhaust had to also be fitted.

Jaunt performed well with the original power plant provided the boat was not over burdened with weight. At the time of construction the 3.6 litre Volvo Penta KAD 300 was the largest stern leg combination available. The current owner felt the original engine and leg combination was working too hard when fully loaded, and since he intended adding to the displacement with extra equipment, it was decided to re-power while the original engine still had a good residual market value.

The engines are very different, not only in the 33% increase in power, (from 285mhp to 400mhp) but also in their weight and emissions. The new 5.5 litre D6 400 is a Tier 3 compliant engine, so meets all current emission standards, whereas the old KAD 300A was by comparison only marginally a Tier 1 engine. While the new engine is 'greener' it is 209kg heavier (785kg compared to 576 kg) but the DPH leg is a whole lot more robust unit that will easily cope with the increase in weight and torque.

The D6 is a 5.5-litre with a common rail fuel injection system, double overhead camshafts, 4 valves per cylinder, turbocharger, compressor, and aftercooler. The interaction of these, the large swept volume, and the EVC system results in exceptional diesel performance combined with low emissions.

When *Jaunt* was first launched in March 2004 it had a full ship displacement of 5600kg. With the new power plant, transom lifter and other changes, she now weighs in at 6200 kg. What is interesting is that the extra weight has done very little to hold back performance. The boat is quicker onto the plane and has excellent throttle response throughout the range.

Performance Data				
Volvo Penta KAD 300 285mhp				
rpm	Speed (knots)	L/h	L/NM	Range (NM)
1000	4.1	3.0	0.73	814
1500	6.4	7.0	1.09	545
2000	9.0	13.5	1.50	396
2600	12.2	23.2	1.90	313
3000	16.0	30.9	1.93	308
3400	19.7	39.0	1.98	300
3800	24.2	49.9	2.06	288
3940	26.0	54.6	2.10	283
Fuel capacity =			660	litres
Note: Range is based on 90% of fuel capacity, in calm conditions.				

Performance Data				
Volvo Penta D6 400 400mhp				
rpm	Speed (knots)	L/h	L/NM	Range (NM)
1000	4.0	1.1	0.27	2213
1500	8.7	10.6	1.22	487
2000	12.2	23.4	1.91	310
2600	19.8	38.8	1.96	302
3000	25.3	50.9	2.02	295
3400	29.9	69.7	2.33	254
3516	31.0	77.0	2.48	239
Fuel capacity =			660	litres
Note: Range is based on 90% of fuel capacity, in calm conditions.				



D6-400

Ovlov Marine
142 Beaumont Street
Westhaven, Auckland Central
Ph 09-377-4285

Photo and the article are courtesy of Barry Thompson, Pacific Power Boat

NEW GLASS COCKPIT SYSTEM

The unique Glass Cockpit system means a clean, easy-to-use dashboard – and more importantly – enhanced overview and control of both engine and navigation in one place.

Integrated with the EVC system, the Glass Cockpit gathers all driver information and displays it in one spot. The easy-to-handle, pinch-to-zoom displays give you instant control. Six displays in two versions are available in different sizes from 8 to 19".



One look. One touch. One system.

When you power up your boat all screens light up simultaneously, in a car-like manner. All settings that you control, including instrument dimming, are carried out concurrently at the helm and the flybridge. With the Glass Cockpit system you get a common, ergonomic design – and interface – for the whole dashboard, with push-buttons on the controls and touch-buttons on the screens.

Auto guidance

This unique feature searches through all relevant charts to create a route you can follow – and avoid shallow water, buoys and other obstacles. Coupled with the autopilot, it not only shows the way, it takes you there!

Total integration

Full EVC functionality means that you monitor functions like Dynamic Positioning System, Interceptors and Autopilot through the displays.

STEINLAGER 2 RESTORATION 2013

The Steinlager 2 restoration has continued at a steady pace and after many months of hard work the NZ Sailing Trust are now ready to splash into the Waitemata Harbour.



The Trust has had amazing support from both the New Zealand marine sector and the Gaming Trusts in product supply and funding.

The support that Steinlager 2's restoration received over the past months and within the current market is very humbling and is a testimony to Steinie's legacy, Peter Blake and crews exploits and the vision of the NZ Sailing Trust.



Steinlager 2's two existing **Volvo Penta** engines were overhauled thanks to **Volpower N.Z. Limited** and their generous support providing all new **Volvo Penta** parts. The team at **YDL** led by Ian Humphris have transformed the existing engines. It was important to the Trust that Steinie was mechanically and electrically sound with so much reliance on both systems.

MARIKO



Ovlov Marine - Pine Harbour, recently repowered Mariko, a Lotus 9.5.

The customer had just purchased the boat which had a 2 cylinder 20hp Bukh. The engine had some issues with the saildrive and the customer decided it was due for replacement.

The owner did some research and priced up several different engine options before deciding to go with the D1-30 130s with a three blade folding propeller.

The owner removed the Bukh, with some assistance from Ovlov Marine – Pine Harbour, and then the boatbuilder changed over the engine/saildrive bed. The installation was pretty effortless as the boat offered plenty of space for the compact size of the D1-30.



D1-30

Ovlov Marine - Pine Harbour
Unit 9 Pine Harbour Marina Complex
Jack Lachlan Drive
Beachlands, Auckland
Ph 09-536-5249

RACOR FUEL FILTERS

Parker Racor Fuel Filter



Together, we can
protect your investment in engines and fuel, maximize fuel economy, performance and maintain a clean environment.

Parker Racor fuel filters are built with patented Aquabloc elements to obtain maximum efficiency, high dirt holding capacity and are used by many engine manufacturers worldwide for their reliability.

Racor Turbine Series is the most complete, most efficient, most reliable high-capacity engine protection you can install.



0800 VOLPOWER

SONIHULL

Ultrasonic Antifouling System

Keeps your hull cleaner,
all year round

Banish the Barnacle
with **Sonihull!**

Easy to install
No hull penetration required

SONIHULL KEEPS YOUR HULL CLEAN

- Uses ultrasonic energy pulses to make surfaces less attractive to barnacles and algae.
- Helps prevent marine growth on hulls, pipe work and sea chests.
- Less marine growth means less hull friction, which means better fuel economy.
- Used in commercial and pleasure craft.

ENVIRONMENTALLY FRIENDLY

Tests demonstrate that electronic antifouling products have no adverse effect to fish. The 'SONIHULL' Ultrasonic signal stays very close to the hull structure and does not stray into open water.



Very easy to install
Kits available for cats and monohulls

www.volpower.co.nz

0800 VOLPOWER

FAREWELL TO MIKE McGLONE AND WELCOME TO BRUCE CAIRNS

As at 24th December Mike McGlone will be leaving Volpower NZ Limited, after 14 years with company, as he is retiring. In the future he will be spending his time cruising around NZ in his boat and then touring around Europe during the NZ winter. He will also be spending time at Marine Engineering in Picton.



The staff at Volpower wish Mike all the best for the future.

Mike will be replaced by Bruce Cairns.

Bruce had been working for Sime Darby Automobiles for 8 years before joining Volpower and he was previously at Hutchwilco for 8 years before working at Sime Darby.



His interests are surfing, football and sailing.



2 YEAR WARRANTY ON ALL NEW VOLVO PENTA MARINE ENGINES

*Applies to non-commercial use only. Conditional on annual service by authorized Volvo Penta dealers.

VOLVO PENTA MARINE DEALER LIST

NEW ZEALAND:

OPUA: Lowes Marine. Paihia Ph 09-402-8375

WHANGAREI: Ray Roberts Marine. Whangarei Ph 09-438-3296

MATAKANA: Matakana Marine & Engineering Ltd. Matakana Ph 09-422-7822

WHANGAPARAOA: Marine Solutions Gulf Harbour.

Whangaparaoa Ph 09-424-1260

AUCKLAND:

Ovlov Marine Ltd. Westhaven Ph 09-377-4285

Ovlov Marine - Pine Harbour Limited. Beachlands Ph 09-5365249

Allvo Marine & Engineering Ltd. Howick Ph 09-535-9189

Bensemman Boating Centre Ltd. Westpark Marina Ph 09-416 2190

WHITIANGA: Pacific Coast Marine & Diesel. Whitianga Ph 07-866-0551

BAY OF PLENTY/WAIKATO: Coastline Marine Limited.

Tauranga Ph 07-574-9613

TAUPO: Fleet Marine Limited. Taupo Ph 07-378-8514

NEW PLYMOUTH: West Coast Marine. New Plymouth Ph 06-759-0939

GISBORNE: Harbourview Marine Ltd. Gisborne Ph 06-868-8686

NAPIER: Hawkes Bay Marine (2005) Ltd. Napier Ph 06-843-5000

WANGANUI: Marine Services Wanganui Ltd. Wanganui Ph 06-345-6958

PORIRUA: KP Marine. Porirua Ph 04 233 6164

WELLINGTON: Strait Marine Parts & Services Limited.

Wellington Ph 04-568-8062

PICTON: Marine Engineering Ltd. Picton Ph 03-573-6477

PORT NELSON: Aimex Ltd. Port Nelson Ph 03-548-1439

KAIKOURA: Kaikoura Marine Services Ltd. Kaikoura Ph 03-319-5276

CHRISTCHURCH: Southern Viking Ltd. Christchurch Ph 03-348-8976

WANAKA: Torque Marine. Wanaka Ph 03-443-6404

Fiji:

NADI: Yacht Help Fiji. Nadi Ph 679-675-0911-2

WEBSITE INFO: Visit our website for new and used engines and trans, parts, accessories, servicing etc. www.volpower.co.nz

Published by Volpower N.Z. Limited, P.O. Box 58744, Botany, Auckland 2163. Phone: 09 274 4305 Fax: 09 274 4306 **0800 VOLPOWER**

Proud to be part of N.Z.'s most comprehensive marine dealer network.

SOUND PROOFING

Pyrotek
noise control

Volpower distribute affordable Pyrotek Noise Control products through our dealer network to provide sound proofing solutions for marine and industrial applications. To see samples contact your local Volvo Penta Dealer now, or go to www.volpower.co.nz

Dealer Stamp

**VOLVO
PENTA**