

VOLVO PENTA X-SERIES COMPOSITE DUOPROP

Volvo Penta introduces a new propeller, in composite material, with many benefits.



The X-Series Composite DP Propeller has a tensile strength, 10 to 15% greater than aluminium and gives equivalent performance. The propeller is corrosion resistant and has separate replaceable blades. It fits Volvo Penta gasoline engines (twin engine installation up to 5.0L, single engine installation up to 5.7L) and D3 diesel engine, with the XDP or DP-S DP Sterndrive.

Change the pitch

By changing blades, you can set up your engine for the day's specific activity — a lower pitch for water-skiing, and a higher pitch for cruising. A variety of blades are available as accessories.

Impact protection

The X-Series Propeller is constructed in a composite material, made primarily from long-fiber fibreglass and nylon, and has a high tensile strength (10 to 15% greater than aluminium). The blades are designed to absorb impact energy generated by a heavy propeller strike. This feature protects the lower unit from internal damage.

Corrosion resistant

Due to the composite material the X-Series Propellers do not corrode or promote galvanic corrosion in the boat or Sterndrive.

Fewer problems

The hubs have a core of high-strength extruded aluminium. A complete propeller consists of few parts and is easy to install and replace. X-Series Propeller are delivered in complete kits as well as separate parts.

Excellent performance

The propellers performance is fully comparable to aluminium propellers. In a test, the composite propeller fared as good or better than stainless propellers in acceleration comparisons.

Several benefits

- Replaceable blades.
- Less downtime.
- Cost-effective.
- Light weight.
- High performance.
- Corrosion resistant.

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PRODUCT INFORMATION








- For Volvo Penta XDP and DP-S sterndrives.
(twin engine installation up to 5.0L and single engine installation up to 5.7L)
- Horsepower range – 190–280 HP (4.3, 5.0, 5.7) D3.
- Cavitation free.
- Corrosion resistant.
- High Strength 10-15% greater than aluminium.
- Acceleration same or better than stainless,
see below.
- Top speed comparable to aluminium.
- Replaceable blades.
- Repitchable.



Stainless vs. Composite acceleration comparison

Engine	Propeller type	4-18 Knots 5-20 Mph	4-22 Knots 5-25 Mph	4-26 Knots 5-30 Mph
5.0 Gi / XDP	F7 Stainless	4.8 sec	6.5 sec	8.3 sec
	X7 Composite	4.5 sec	6.3 sec	8.1 sec
5.0 Gi / XDP	F8 Stainless	3.7 sec	5.1 sec	6.5 sec
	X8 Composite	3.6 sec	5.0 sec	6.4 sec

The performance date is for boats and conditions as tested, and may vary from boat to boat within a manufacturer's line.

Components							
Dim*	Prop. Set**	Front Prop. Assy	Front Blade 1 pc.	Front Cap	Rear Prop. Assy	Rear Blade 1 pc.	Rear Cap
X2	3807959	888654	888651	3861604	888655	888652	3861605
X3	3807958	3807949	3807947	3861604	3807950	3807948	3861605
X4	3807957	3807945	3807943	3861604	3807946	3807944	3861605
X5	3807956	3807941	3807939	3861604	3807942	3807940	3861605
X6	3807955	3807937	3807934	3861604	3807938	3807936	3861605
X7	3807954	3807932	3807930	3861604	3807933	3807931	3861605
X8	3807953	3807928	3807779	3861604	3807929	3807780	3861605
X9	3807952	889562	889557	3861604	889564	889559	3861605

* The sizes correspond to stainless versions i.e. F7 corresponds to X7.

** Note: X-Series Propeller kits come complete with front propeller nut, required for installation.
Note: X-Series installation tool required (part number 3862811).

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AB Volvo Penta
SE-405 08 Göteborg, Sweden