

VOLVO PENTA

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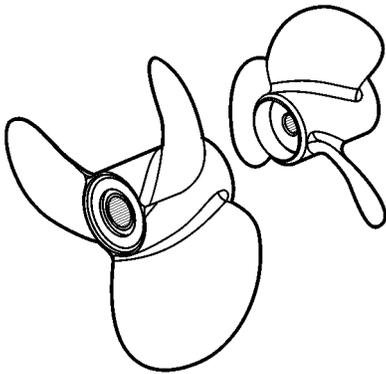
Parts Bulletin

Group	Number	Version
P-44-7	1	01

Duoprop™ propellers

Models: DP, DPH, DPR, DPX, DP-S, XDP

Distribution: Parts Date: Feb.-2005 Binder: Parts Replaces: n/a



23670

Duoprop propellers are engineered, specified and sold differently than propellers for traditional single propeller sterndrives.

Duoprop propellers are not specified or sold by pitch and diameter. They are engineered as sets. Each set is a front and a rear propeller that are designed to work together for maximum efficiency.

Note! Do not mix front and rear propellers with different codes (see below) on the same drive. Use of mismatched sets can cause damage to drive gears and bearings, poor performance and increased cavitation.

The sets and individual propellers are coded with a letter and a number; The letter tells the material of the propellers and the approved drive(s) for that propeller (see chart). The number is a reference for propeller calculations. The lower numbers (ex.2) perform like smaller propellers relative to the higher numbers (ex.7) when adjusting engine RPM with propellers. To reduce RPM, use a higher number, to increase RPM use a lower number.

All of the propeller calculation tools, both printed and on the Partner Network, will provide the set code (ex. F9) to use for a particular application.

For replacements, the propeller's are usually marked with the set code (ex. C7), front or rear, and/or the part number. Always replace with the same propeller code, especially when only replacing one of the two propellers in a set.

prop letter (L) codes

L	material	drives	no. range
A	AL	DP	0-10
B	AL	DP	1-8
C	SS	DP	2-7
D	AL	DP-S, XDP	0-7
E	SS	DPX	2-4
F	SS	DP-S, XDP	2-9
G	NAB	DPH	2-10
GR	SS	DPR	7-9
T	NAB	IPS	2-10
X	C	DP-S, XDP	2-9

AL=aluminum
SS=stainless steel
NAB=nickle-aluminum-bronze
C=composite