



**LEFT HAND PROPS
NOW AVAILABLE
FOR HIGH HP
TWIN ENGINE
INSTALLATIONS**

**SUITS UP
TO 300HP**

ProPulse®

The right pitch for every situation

- ADJUSTABLE PITCH
- REPLACEABLE BLADES
- COMPOSITE STRENGTH

The right pitch for every situation

Optimum performance

Adjustable pitch settings:- With the ProPulse you can easily adjust the propeller pitch for optimum performance in every situation (e.g. water-skiing, light loads, cruising, extra weight etc.) The optimum pitch will provide the maximum rpm at full throttle, as recommended by the engine manufacturer. You will then achieve faster boat speeds, lower fuel consumption and better boat handling.

Maximum economy

Four high performance replaceable blades:- It is easy to change damaged blades on the spot and without the delay or expense of repairing or buying a new propeller. You can effectively repair this propeller yourself and carrying two spare blades will always ensure you can safely motor home, even if major propeller damage occurs.

Maximum strength

Composite material:- The ProPulse propeller is manufactured with a composite material that is stronger and 40% lighter than aluminium. This gives the propeller maximum strength for a minimum weight. Blades are not affected by corrosion or pitting (as common in aluminium propellers) and therefore will maintain their pristine finish, even after several years' use.

Maximum reliability

Three year guarantee:- ProPulse is a quality Swedish product, with a 3 year conditional guarantee over the hub.

Full range available

Compatible across many brands:- The ProPulse propeller is now available to suit most brands of outboards and sterndrives from 20HP to 300HP (or maximum 5.7 litre sterndrives). Left hand propellers for high HP (150HP+) twin engine installations are also available. Check out the detailed propeller application chart on the back of this brochure.

AND...with ONLY NINE R.H. propellers in the entire standard range, ProPulse is an excellent stock addition to any business which services areas of boating activities. The prospect of holding only limited stocks of propellers and replacement blades to suit a broad range of engine sizes and brands, means the ProPulse range will be an ideal stock item, especially in isolated boating areas.

How to set the right propeller pitch

ProPulse blades can be set at 5 different pitch positions (9900 High HP series has 7 positions). The mid-position pitch setting is stamped on the blade root.

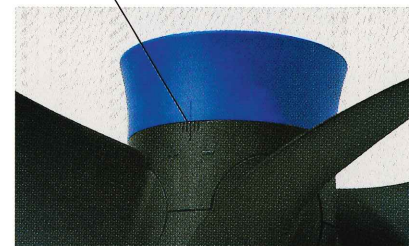
The pitch can be adjusted upwards (+) or downwards (-) by 1" pitch increments. As a guide, each 1" increment of pitch will change your engine rpm by 200 rpm.

To increase rpm you must decrease pitch and to decrease rpm you must increase pitch.



After loosening the bolts (about 2mm) the pitch can be set, before pressing the locking diffuser ring down to re-engage the internal blade locking teeth.

Adjustable pitch position increments



To achieve the optimum ProPulse pitch setting for your boat and usage pattern, start by test-running your ProPulse at the factory set mid-pitch position and note

the maximum rpm achieved, at full throttle (take care not to exceed the recommended maximum rpm).

If this achieved maximum rpm is higher or lower than that recommended by the engine manufacturer, adjust the pitch setting until the recommended rpm has been achieved. It is important that the four locking bolts are firmly tightened after each pitch adjustment, or whenever blades are replaced.

Replacing the blades

ProPulse blades are easily replaced after removing four locking bolts using the hex-allen key included.

Spare blades take up little space and are far less expensive than holding a complete spare propeller. Remember to always carry some spare ProPulse blades with you - we would always recommend you carry a minimum of two spare blades. With these two spare blades you will always be able to set-up these opposite each other on the 4-blade hub. In an emergency this will still get your boat home, at a low throttle level.



Four 316 stainless steel bolts keep the blades set at the selected pitch. These bolts and the locking diffuser ring are fully removed to replace blades.



Propeller Application Chart

ProPulse is a high strength composite propeller with 4 high performance corrosion resistant blades. These blades are adjustable in pitch and individually replaceable if damaged without the need for expensive repairs. ProPulse suit most outboard and sterndrive brands from 20HP up to V8 300HP outboards and 5.7 litre sterndrives, as detailed below.

Complete Propeller Part No.		Blades	ProPulse size diameter x Pitch range	Spare Blades Part No.	
R.H.	L.H.			R.H.	L.H.
4901		4B	10.4" x 12 - 16"	6502	
4902		4B	10.4" x 12 - 16"	6502	
6901		4B	11.5" x 12 - 16"	6501	
6902		4B	10.4" x 12 - 16"	6502	
8901		4B	13.0" x 16 - 20"	8501	
8902		4B	13.0" x 16 - 20"	8501	
9901	9911	4B	14.5" x 15 - 21"	9501	9502
9902	9912	4B	14.5" x 15 - 21"	9501	9502
9903	9913	4B	14.5" x 15 - 21"	9501	9502

OUTBOARDS

OMC Johnson / Evinrude:

Engine Model	Year	Part No.	
		R.H.	L.H.
20HP 2 cyl	84-95	4901	
25-30HP 4-stroke		4902	
25HP 2 & 3 cyl	84-	4901	
30HP 2 cyl	84-	4901	
35HP 2 & 3 cyl	76-	4901	
40HP	84-	6901	
48HP	87-	6901	
50HP 2 cyl	75-	6901	
55HP 2 cyl	76-79	6901	
40-50HP 4-stroke	97-	6902	
60HP 2 cyl	80-85	6901	
75HP 2 cyl	75-85	6901	
Sprint/Formula E	86-90	6901	
50-75HP 3 cyl	68-	8901	
60-70HP 4-stroke	97-	8901	
80-140HP V4	69-	8901	
100-140HP V4 (Large gearcase)	84-	9901	9911
150-235HP V6	76-	9901	9911
250-300HP V8	86-	9901	9911

OUTBOARDS

Mercury / Mariner:

Engine Model	Year	Part No.	
		R.H.	L.H.
18-25HP	82-	4902	
25-60HP 4-stroke		6902	
30HP	94-	6902	
35-60HP	73-	6902	
40-50HP	70-73	6902	
40-60HP 4-stroke (Bigfoot)	97-	8902	
60HP (Bigfoot)		8902	
65-70HP (Small gearcase)	73-	6902	
70-150HP in line 3/4/6 cyl	65-	8902	
75-115HP 4-stroke		8902	
135-275HP V6	78-	9902	9912

Force:

Engine Model	Year	Part No.	
70HP	91-	6902	
90-150HP	95-	8902	

Nissan-Tohatsu:

Engine Model	Year	Part No.	
35B 2 cyl	84-	6902	
40C 2 cyl	84-	6902	
40D 3 cyl	90-	6902	
50D 3 cyl	90-	6902	
60-70HP	98-	8902	
90-140HP	87-	8902	

Honda:

Engine Model	Year	Part No.	
35-50HP 4-stroke	91-	6902	
75-130HP 4-stroke	91-	8902	
200-225HP 4-stroke	02-	9902	9912

Suzuki:

Engine Model	Year	Part No.	
DT 25C-30C	89-	4902	
25-30HP 4-stroke		4902	
40-50HP	83-	6902	
55HP	85-	6902	
65HP	-98	6902	
40-50HP 4-stroke	98-	6902	
60-70HP 4-stroke	98-	8901	
75-85HP 3 cyl	78-	8901	
90-100HP V4	78-	8901	
90-140HP 4-stroke	00-	8902	
115-140HP 4 cyl	78-	8901	
DT 150 - DT 225 (Use adapter 9104)	86-	9902	9912

OUTBOARDS

Yamaha:

Engine Model	Year	Part No.	
		R.H.	L.H.
30-60HP 4-stroke	97-	6902	
40-50HP	83-	6902	
CV 40 - CV 55	83-	6902	
Pro 50	83-	6902	
FT 25B (High Thrust)		6902	
FT 50HP 4-stroke (High Thrust)	97-	8902	
80-115HP 4-stroke	97-	8902	
60-75HP	84-	8902	
80HP	96-	8902	
85-140HP	84-	8902	
150-250HP V6	84-	9902	9912
200-225HP 4-stroke	01-	9902	9912

STERNDRIVES

Engine Model	Year	Part No.	
		R.H.	L.H.
OMC			
120-140HP (Models 400 and Cobra)	78-90	8901	
3.0 L - 5.7 L (Model 800 Cobra & King Cobra)	78-93	9901	9911
Mer cruiser			
120-300HP AlphaOne and BravoOne (use trim tab 822777A1 or flat tab anode 76214Q5)	86-	9902	9912
Yamaha			
130-300HP	89-	9902	9912
Volvo & OMC			
3.0 L - 5.7 L (Models SX, SX Cobra & OMC Cobra)	94-	9903	9913