

Michigan
Wheel
Corporation

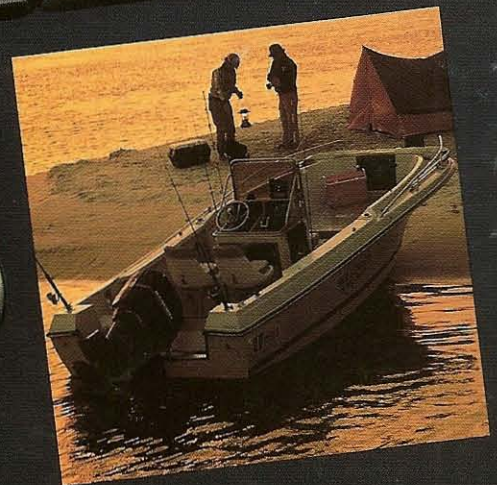
OUTBOARD



STERNDRIVE CATALOG



1993



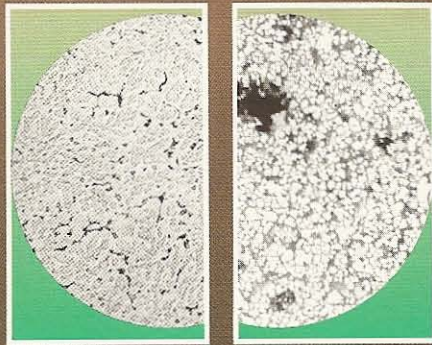
We make Hundreds of props to fit Thousands of boats proven over Millions of miles

It's simple. Michigan Wheel makes more kinds of props for more kinds of boats than anyone else. We make them better. And we've been making them for almost 90 years. So no matter what you have in mind — cruising, waterskiing, fishing, whatever — Michigan Wheel has a prop to match your specific performance needs. More combinations of metal, diameter, pitch and rotation are available from Michigan Wheel than any other manufacturer.

IMPORTANT NOTE: If you are replacing a prop and can't find the part number listed in this catalog, your Michigan Wheel dealer or distributor can help. He will consult the Michigan Wheel Index of Outboard and Stern Drive Propellers. From this index, which provides part numbers for every Michigan Wheel prop produced since we began in 1903, your dealer can determine the specifications you need.

OUR EXCLUSIVE, HIGH-STRENGTH ALLOYS MEAN LONGER PROP LIFE.

The quality of any product begins with the materials that go into it. While some manufacturers skimp by using lower grade metal, Michigan Wheel uses only the finest grade alloys. We will settle for nothing less. That's why Michigan Wheel aluminum props are stronger than original equipment props.



The tighter grain and compact structure of the Michigan Wheel prop on the left make it nearly twice as strong and less susceptible to damage than the ordinary prop on the right.

Other manufacturers' products may look similar on the surface, but the high magnification photos above reveal startling differences in quality.

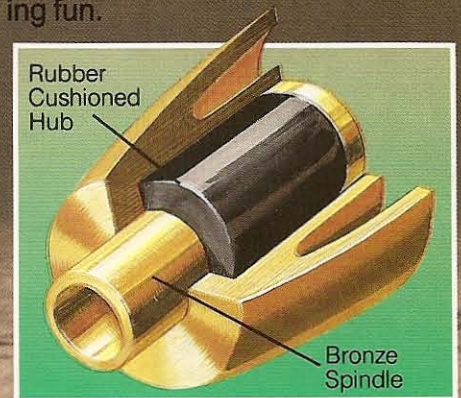
The photo above shows the metal used in a Michigan Wheel aluminum prop. The tight, uniform grain of the metal makes it nearly twice as strong as the typical aluminum prop shown on the right. Notice how the ordinary prop is powdered. Our high strength alloys cost us a little more. But that cost is insignificant when measured against the trouble-free service and easy repairability of Michigan Wheel props.

CUSHIONED HUBS PROTECT MOTORS AND SHAFTS

Our cushioned hubs are another source of strength. The rubber hub bonded inside every Michigan Wheel prop helps protect expensive shafts, motors

and gearboxes from damage caused by the propeller's impact with an object, and it absorbs the stress caused by shifting gears. With a Michigan Wheel prop, you get the strongest cushioned hubs in the industry.

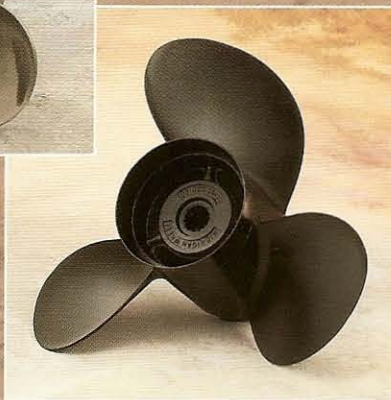
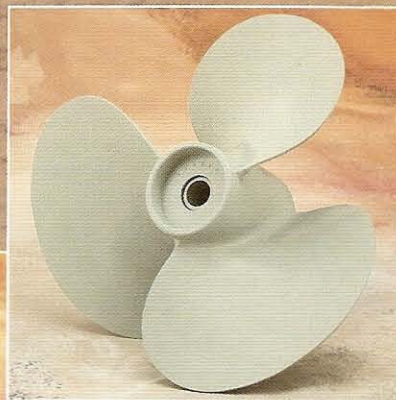
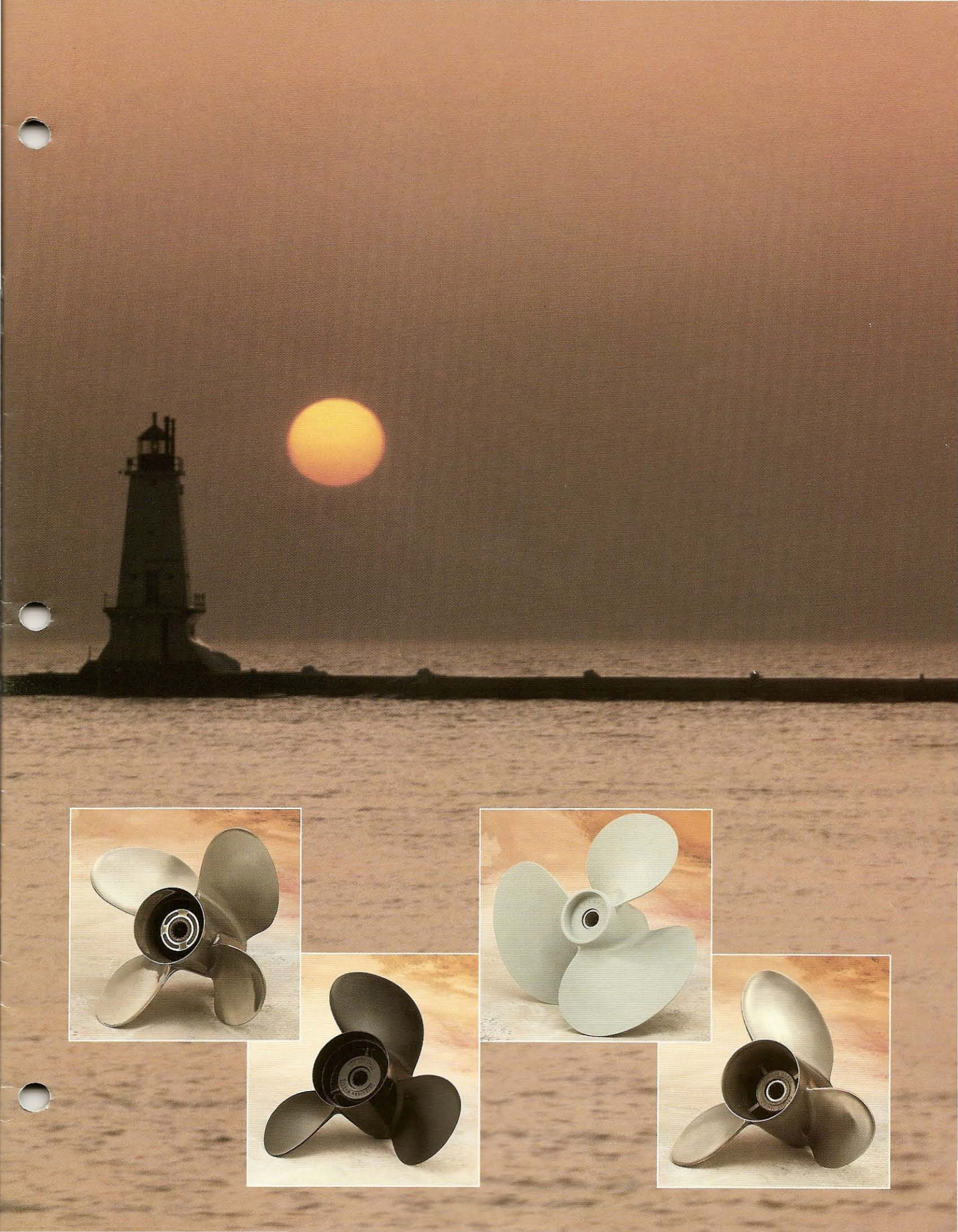
At Michigan Wheel we understand the beating your props take. That's why we make Michigan Wheel props this tough. The whole idea is to give you more time for boating fun.



Michigan Wheel's cushioned hub is made of a special bronze alloy for superior strength.

Michigan Wheel Exclusive Alloys	Tensile Strength lbs. psi	Yield Strength	Elongation
MICHALLUM* (Aluminum)	40,000	18,000	9
MICHALLOY-S™ (15-5 Stainless Steel)	80,000	70,000	3

MICHELLUM* ALUMINUM PROP	ORDINARY ALUMINUM PROP
Tensile strength: 40,000 lbs psi	Tensile strength: 22,000 psi
Less brittle	More brittle
Blades flex under impact	Blades tend to break and tear under impact
Easy to repair	Difficult to repair
Easy to change pitch	Breaks easily in straightening process



Propeller Selection

The propeller that came with your new engine isn't necessarily the one that is best suited to your needs. This is because many original equipment props, understandably, are made to meet a range of average conditions for many kinds of boats, hull styles, and loads. This can limit their performance. What you need is a propeller specifically selected for your kind of boat, and your style of boating.

After a careful review of the information you provide on our exclusive Prop-It-Right analysis form, our distributors can suggest the optimal propeller in terms of style, diameter, pitch, and material for your boat.

Your Michigan Wheel dealer is backed by an experienced distributor network. Their expertise along with the tremendous body of propeller knowledge and research developed by Michigan Wheel, all help to achieve our single most important goal — to provide you with the Michigan Wheel propeller that will give you the greatest enjoyment on the water.

Propeller Information

Propeller Size: The size of a propeller is described using two sets of numbers. These correspond to the diameter and pitch. The pitch always follows the diameter when describing a propeller.

Diameter: Diameter is two times the distance from the center of the hub to the tip of the blade. It also can be looked at as the distance across the circle that the propeller would make when rotating. It is the first number listed when describing a propeller.

Pitch: Pitch is defined as the theoretical forward movement of a propeller during one revolution — assuming there is no "slippage" between the propeller blade and the water. For most boats, there is slippage and therefore the distance advanced is less than the design pitch. The amount of slippage varies from boat to boat. Pitch is the second number listed in the propeller description.

Cupping: Many of today's propellers incorporate a cup at the trailing edge of the propeller blade. This curved lip on the propeller allows it to get a better bite on the water. This results in reduced ventilation, slipping, and allows for a better hole shot in many cases. A cupped propeller also works very well where the motor can be trimmed so that the propeller is near the surface of the water. The cup will typically result in higher top end speed on one of these applications.

Ventilation: Ventilation is a situation where surface air or exhaust gases are drawn into the propeller blades. When this situation occurs, boat speed is lost and engine RPM climbs rapidly. This can result from excessively tight cornering, a motor that is mounted very high on the transom, or by over-trimming the engine.

Cavitation: Cavitation (which is often confused with ventilation), is a phenomena

of water vaporizing or "boiling" due to the extreme reduction of pressure on the back of the propeller blade. Many propellers partially cavitate during normal operation, but excessive cavitation can result in physical damage to the propeller's blade surface due to the collapse of microscopic bubbles on the blade.

There may be numerous causes of cavitation such as incorrect matching of propeller style to application, incorrect pitch, physical damage to the blade edges, etc.

Be advised disturbances in the water flow forward of the propeller can result in blade damage which appears to be blade cavitation, but is actually due to non-favorable water flow into the propeller.

Rake: Rake is the degree that the blades slant forward or backwards in relation to the hub. Rake can affect the flow of water through the propeller, and has implications with respect to boat performance.

Aft rake helps to trim the bow of the boat upwards, which often results in less wetted surface area and therefore higher top end speed. Aft rake propellers also typically "bite" better on ventilating type applications.

Forward, or negative rake, helps hold the bow of the boat down. This is more common in workboat type applications.

Selecting the right propeller for your boat and engine combination: The proper propeller size for your boat and engine combination is based on the wide open throttle operating range for your particular engine. This can be located in your operators manual. This will be expressed in terms of a certain horsepower at a certain RPM.

The goal in propeller selection is to determine what propeller style and size will maximize performance for your boat, while

allowing your engine to operate in the recommended RPM range. The correct propeller will prevent the engine from over-revving, yet allow it to reach the minimum RPM where maximum horsepower is produced.

Using your existing propeller, determine what is the maximum RPM you are able to obtain. If during this test you begin to exceed the maximum rated RPM of the engine, reduce the throttle setting to a position where maximum RPM is not exceeded.

If your test results in your being able to over-rev the engine, you need to increase the pitch of the propeller. Increasing the pitch increment by 2" will result in approximately a 300-400 RPM drop. If your testing shows, however, that you are only able to obtain an RPM somewhat lower than the maximum rating given by your engine manufacturer, you would need to decrease pitch. Decreasing pitch would increase your RPM.

Switching from an uncupped to a cupped propeller will also reduce your RPM. The cupped propeller of the same pitch and diameter will typically reduce your RPM by approximately 200.

Once your wide open throttle RPM falls within the recommended range of the engine manufacturer, you have a propeller that is suited correctly for your boat with respect to RPM. You may, however, not be satisfied with respect to skiing performance or trolling speed. It is best in circumstances like this to have two propellers. One to accommodate one set of circumstances, and the other to perform best under the different load. It could, in fact, be that more than one propeller will be suitable for your boat and motor combination depending on your usage. It is imperative, however, that the wide open throttle RPM fall within the range specified by your engine manufacturer.

Spare Propellers

At all times you should have a spare propeller with you in the boat. Boating without a spare propeller is similar to driving a car without a spare tire. Once that propeller is damaged, you may be out of luck without having a spare propeller along.

Your local dealer can help you select the Michigan Wheel propeller that is correct for your application. Providing him with the information on our Prop-It-Right analysis form will give him the data necessary to help you select the proper propeller for your boat.

Outboard

Motor	Page	Motor	Page
Aero	17	Miscellaneous	17
Archimedes	14	Nissan	13
Chrysler	6	Scott	17
Elgin	15	SeaRay	10
Eska	15	Sears	15
Evinrude	7	Suzuki	14
Force	6	Tohatsu	13
Honda	15	U.S. Marine	6
Johnson	7	Volvo-Penta	14
Mariner	12	Ward's, Sea-King	15
McCulloch	17	Yamaha	16
Mercury	10		

Stern Drive

Motor	Page	Motor	Page
BMW	22	Muncie Turbomarine	22
Chrysler	22	OMC Cobra	18
Eaton	22	OMC Sea Drive	19
Enfield	22	OMC Saildrive	19
Marine Drive Systems	19, 22	Outboard Marine	19
Mercuriser Stern Drive	20	Perkins Z	22
Mercury Mercuriser	21	Volvo-Penta	23
Muncie	22	Yamaha	22

How to Read This Catalog

Example Application: 18' Runabout used mainly for skiing and cruising with the family.
1988, 120HP Johnson Outboard. Customer wants a cupped, aluminum propeller.

- 1) Determine what kind of motor you have and locate that section in the catalog.
- 2) Locate the section on the page that contains the horsepower and year of your motor.
- 3) Determine what size boat you have and how you use it. (fishing, waterskiing, cruising, etc...)
- 4) Find the boat size and use in the motor section that contains your motor and best describes your vessel and usage. You may also be able to match the part number of your original propeller as well. All the propellers in the section will fit your motor. Pick the one in line with your boat size.
- 5) Once this is located, read across to obtain the propeller that will be most suited for your application.
- 6) If stainless steel is desired, read across to the last column for the part number.
- 7) Use the Michigan Part Number to order your new propeller through the distributors listed in this catalog.

(EVINRUDE, JOHNSON CONTINUED) OUTBOARD

Motor & Model	Year	Boat Size & Recommendation	Blids.	Dia & Pitch	Nearest OMC Equiv.	ALUMINUM		STAINLESS STEEL	
						Michigan Part No.	Nearest OMC Equiv.	Michigan Part No.	Michigan Part No.
85 HP V-4	69-80	Cruisers, Houseboats	4	14 x 10		DQ320	012074		
88 HP V-4	81 Thru	Cruisers, Houseboats	4	14 x 12		DQ328	012075		
90 HP V-4	81 Thru	Cruisers, Houseboats	3	14 x 11		PJ87	012047		
100 HP V-4	79-80	Cruisers, Houseboats	3	14 x 13	382761	PJ79	012048		
110 HP V-4	88 Thru	Cruisers, Houseboats	3	14 x 13	382762	*PJ88C	011004		
115 HP V-4	73-85	24'-20' Bts.	3	13-3/4 x 15	391668	PJ80	012049		
115 HP V-4	90 Thru	24'-20' Bts.	3	13-3/4 x 15	382763	*PJ89C	011002	389948	013028
120 HP V-4	86 Thru	24'-20' Bts.	3	13-1/4 x 17	391198	PJ81	012050		
125 HP V-4	71-72	22'-19' Bts.-All Loads	3	13-1/4 x 17	382764	*PJ90C	011003	389948	013030
135 HP V-4	73-76	22'-19' Bts.-All Loads	3	13 x 19	391199	PJ82	012051		
140 HP V-4	77-84	19'-17' Bts.-All Loads, Skis	3	13 x 19	382765	*PJ91C	011004	389510	013033
140 HP V-4	86 Thru	19'-17' Bts.-All Loads, Skis	3	12-3/4 x 21	390896	*PJ83C	011005	389512	013034
Thru Hub Exhaust		18'-15' Bts.-All Loads, Skis							

* If currently using uncupped prop, use cupped prop having 2" less pitch. Boats with power trim use same pitch.

Numeric Part Number Definition

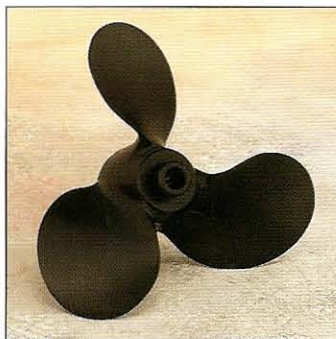
12 3 456			
First 2 Digits	3rd Digit	Last 3 Digits	
01 OMC	09 Wards Sea King	1 Cup AL	Reserved
02 Mariner	10 Yamaha	2 Uncup AL	for
03 Mercury	11 Honda	3 Cup SS	Part #
04 McCulloch-Scott Aero	12 Chrysler Stern Drive	4 Uncup SS	
05 Sears-Elgin-Eska	13 Marine Drive System	5 Cup Bronze	
06 Suzuki	14 Tohatsu-Nissan	6 Uncup Bronze	
07 US Marine	15 Misc.	7 Cup Nibral	
08 Volvo-Penta-Archimedes	30 Skegs, Nuts	8 Uncup Nibral	

Motor & Model	Year	Boat Size & Recommendation	Blds.	Dia. & Pitch	ALUMINUM			STAINLESS STEEL	
					Nearest US Marine Equiv.	Price	Michigan Part No.	Nearest US Marine Equiv.	Price
3.5-3.6 HP	69-76	Standard Replacement	2	7 1/2 x 4 1/2	P-19	G20(LH)	\$42	072017	
3.5 HP	80 Thru	Standard Replacement	2	7 1/2 x 6 1/4	P-318	PC6	\$48	072021	
4, 4.4, 6, 6.6, 7, 7.5, 8 Splayed Shaft	68 Thru	Standard Replacement	2	8 x 5	P-409(P-75)	PC9	\$48	072022	
5 HP	87 Thru	16'-14' Bts.-Light Loads	2	7 1/4 x 5 1/2	P-488	PC112	\$53	072123	
5 HP	75-77	Standard Replacement	2	7 1/2 x 5 1/2		G30(LH)	\$71	152014	
5 1/2-6 HP	56-59	Standard Replacement	2	7 1/2 x 7		GC54	\$84	072018	
6 HP	64-67	Standard Replacement	2	7 1/2 x 7		GC54	\$84	072018	
6-10 HP Sailor	76-78	Sailboats	3	10 3/8 x 10	P-278	AMC308	\$74	072014	
Sailor 180-250	79 Thru	Sailboats	3	10 1/2 x 7	P-296	SMC46	\$74	072074	
6,7,5,9,2 HP	56-67	14'-12' Bts. - Light Loads	2	8 x 8		GC55	\$84	072019	
9.9 HP	68 Thru	14'-12' Bts. - Light Loads	2	8 1/4 x 8 1/4	P-70	PC12	\$49	072024	
10 HP	74-78	Standard Replacement	3	8 1/8 x 8 1/4	P-408	PC20	\$49	072026	
12 HP	78-79	Standard Replacement	2	8 1/4 x 8		PC10	\$49	072023	
12.9 HP	All Yrs.	Standard Replacement	3	8 x 9	P-472	PC28	\$55	072122	
15 HP	80 Thru	14'-12' Bts. - Light Loads	3	8 1/4 x 6	P-395	PC24	\$55	072121	
Splayed Shaft		16'-14' Bts. - Light Loads	3	8 1/4 x 5	P-396	PC26	\$55	072125	
20-25 HP	68-78	Standard Replacement	3	8 1/2 x 8 1/2	P-324	AMC490	\$88	152002	
Splayed Shaft		14'-12' Bts.-Light Loads	3	8 1/2 x 10	P-346	PR8	\$87	072028	
20-25 HP	79-81	Cruisers, Houseboats, Sailboats	3	10 1/2 x 7	P-296	SMC46	\$74	072074	
30 HP	66 Thru	Cruisers, Houseboats, Sailboats	3	10 3/8 x 10	P-278	AMC308	\$74	072014	
35 HP	66-91	19'-17' Bts. - All Loads, Skis	3	10 3/8 x 11 1/2	P-287		\$76	072131	
40HP	92 Thru	17'-16' Bts. - All Loads, Skis	3	10 3/8 x 12 1/2	P-293		\$76	072132	
45 HP	66 Thru	16'-14' Bts. - All Loads, Skis	3	10 3/8 x 13 1/2	P-273		\$76	072133	
Splayed Shaft		16'-14' Bts. - All Loads, Skis	3	10 3/8 x 14 1/2			\$76	072134	
50 HP	82 Thru	16'-14' Bts. - Light Loads	3	10 1/2 x 15	P-275		\$76	072124	
55-60 HP**	66 Thru	Light Runabouts--Light Loads	3	10 1/2 x 15					
45, 55-60 HP**	74-79	17'-16' Bts. - All Loads, Skis	3	11 3/4 x 12	P-475	PR432	\$90	072114	
		16'-14' Bts. - All Loads, Skis	3	11 1/4 x 13	P-474	PR434	\$90	072068	
55,60,65 HP* Splayed Shaft	77-78	16'-14' Bts. - All Loads, Skis	3	10 x 13	PS-493	PR553	\$105	072070	
	81 Thru	16'-14' Bts. - Light Loads	3	10 x 14					P-496 SSC 614 C \$373 073006
70 HP	91 Thru	19'-17' Bts. - All Loads, Skis	3	11 1/4 x 10	48-73132A4	PM600C	\$109	031015	
		18'-16' Bts. - All Loads, Skis	3	10 5/8 x 12	48-73134A4	PM612C	\$109	031016	
		18'-16' Bts. - All Loads, Skis	3	10 5/8 x 12					48-79792A5 SSM212C \$304 033001
		17'-15' Bts. - All Loads, Skis	3	10 3/8 x 13	48-73136A4	PM613C	\$109	031017	
		17'-14' Bts. - All Loads	3	10 1/4 x 14	48-73138A4	PM614C	\$109	031018	
		16'-14' Bts. - Light Loads	3	10 1/8 x 15	48-73140A4	PM615C	\$109	031019	48-76230A5 \$304 033028
		15'-13' Bts. - Light Loads	3	10 x 17	48-73144A4	PM617C	\$109	031020	
80 HP**	61-65	17'-16' Bts. - All Loads, Skis	3	12 1/8 x 14	P-84	PJ50	\$83	012033	
70-135 HP**	70-79	17'-16' Bts. - All Loads, Skis	3	13 1/8 x 15	P-389	PR78	\$129	072032	
		16'-14' Bts. - All Loads, Skis	3	13 1/8 x 17	P-372	PR80	\$129	072033	
		Light Runabouts--Light Loads	3	13 1/8 x 19	P-383	PR82	\$129	072034	P-520 SSC 117 C \$388 073001
70-140 HP*	77 Thru	19'-17' Bts. - All Loads, Skis	3	14 x 13	PS-501	PR276	\$130	072054	
		17'-16' Bts. - All Loads, Skis	3	13 3/4 x 15	PS-519	PR278	\$126	072055	
		16'-14' Bts. - All Loads, Skis	3	13 1/4 x 17	PS-623	SPC180	\$126	072107	P-539 SSC 315 II C \$354 073002
		16'-14' Bts. - Light Loads	3	13 x 19	PS-625	SPC182	\$126	072108	P-540 SSC 319 II C \$354 073004
		Hi-Performance Racing	3	13 x 21	PS-526	SPC184	\$126	072109	P-527 SSC 321 II C \$354 073005
85, 125 HP	88 - 89	22'-17' Bts. - All Loads, Skis	3	13 1/2 x 15	P-669***		\$119	071035***	
90, 120 HP	90 Thru	22'-17' Bts. - All Loads, Skis	3	13 1/2 x 15	P-692		\$114	072127	
150 HP	89 Thru	22'-17' Bts. - All Loads, Skis	3	13 3/4 x 15					P-664 \$340 073007
90 HP L-Drive	89 Thru	20'-16' Bts. - All Loads, Skis	3	13 1/2 x 17			\$119	071036***	
120 HP L-Drive	89 Thru	20'-16' Bts. - All Loads, Skis	3	13 1/2 x 17	P-685		\$114	072128	
150 HP L-Drive	91 Thru	20'-16' Bts. - All Loads, Skis	3	13 1/4 x 17					P-668 \$340 073008
		18'-16' Bts. - All Loads, Skis	3	13 x 19			\$119	071037***	P-540 \$340 073009
		18'-16' Bts. - All Loads, Skis	3	13 x 19	P-686-1		\$114	072129	
*** Cupped Propeller		To 16' Bts. - All Loads, Skis	3	12 5/8 x 21	P-694***		\$119	071038***	
		To 16' Bts. - All Loads, Skis	3	12 5/8 x 21	P-693		\$114	072130	
See Note Below		To 16' Bts. - All Loads, Skis	3	13 x 21					P-511 \$340 073010

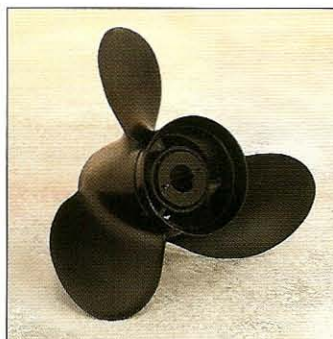
*** If currently using uncupped propeller, use cupped propeller with 2" less pitch. Boats with power trim use same pitch.

* One piece lower unit ** Two piece lower unit

NOTE: Michigan Wheel Propellers listed for the 75-115hp Mercury and Mariner Motors may be used on Force 90-150hp 1992 Motors if used with forward thrust washer 23-819057.



Force 30-60 HP
Aluminum

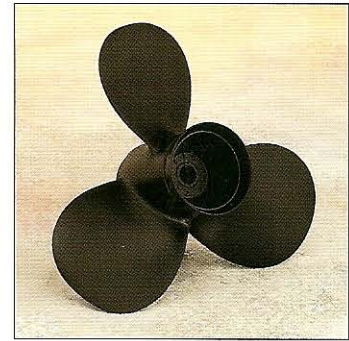


Force 70 HP
Aluminum

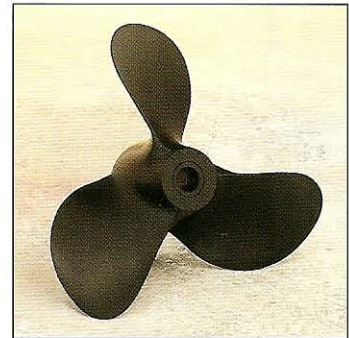


Force 85-150 HP
Aluminum

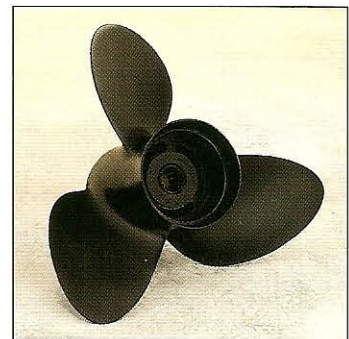
Motor & Model	Year	Boat Size & Recommendation	Blds.	Dia & Pitch	ALUMINUM			
					Nearest OMC Equiv.	Price	Michigan Part No.	
3-4 HP Weedless	52-73	Standard Replacement	3	6-1/8 x 4-1/2	203919	PJ3(LH)	\$41	012001
3-4 HP Right Angle Drive	64-72	Standard Replacement	3	8 x 4-1/2	310208	PJ5(LH)	\$41	012002
2.5, 4 HP	73 Thru	Light Runabouts - Light Loads	3	8 x 5-1/2	315858	PJ6(LH)	\$41	012003
4.4 1/2, Deluxe	80-83	Heavy Bts. Sailboats	3	8 1/2 x 7	391096	PJ47	\$48	012031
6, 7 1/2, 8 HP	86 Thru 80 Thru	Standard Replacement	3	8-1/2 x 9	390237	PJ49	\$48	012032
5 1/2 - 6 HP	54-65	16'-14' Bts. - Light Loads	3	7-3/4 x 6-1/2		AM431	\$46	012067
		14'-12' Bts. - Light Loads	2	8 x 7-1/4	376968	PJ300	\$47	012060
5 HP	65-68	14'-12' Bts. - Light Loads	3	8 x 7-1/2	380104	PJ7(LH)	\$59	012004
6 HP	66-79	14'-12' Bts. - Light Loads	2	8 x 7-1/4	386955	PJ8	\$38	012005
		16'-14' Bts. - Light Loads	3	7-3/4 x 6-1/2		AMC422	\$46	012068
9.5 HP	64-73	24'-20' Bts. - Sailboats	3	8-1/4 x 6-1/2		SMC12	\$57	012100
10 HP	58-63	16'-14' Bts. - All Loads, Skis	3	8-1/4 x 8	387334	PJ11	\$44	012008
*10, 12, 14 HP Commercial & Workhorse	82 Thru	16'-14' Runabouts	3	8-1/4 x 9	391534	SMC18	\$48	012101
		14'-12' Bts. - Light Loads	3	8-1/4 x 8-1/2	377635	PJ10	\$44	012007
9.9-15 HP Thru Hub Exhaust	74 Thru	Heavy Bts., Sailboats	3	10 x 5	386669		\$61	012113
		16'-14' Bts. - All Loads, Skis	3	10 x 7	398126		\$61	012112
		Standard Replacement	3	9-1/2 x 10	174950		\$61	012111
		Weedless	2	9 x 10	386670	PJ27	\$66	012019
10 HP	51-57	14'-12' Bts. - All Loads	3	9 x 8	379717	PJ9	\$49	012006
15 HP	53-56	Cruisers, Houseboats, Sailboats	3	9-1/4 x 7	388294	SMC39	\$59	012102
18 HP	57-73	18'-16' Bts. - Heavy Loads	3	9 x 8		PJ21	\$48	012014
20 HP	69-73	17'-16' Bts. - All Loads, Skis	4	9 x 9		AMC448	\$86	012072
25 HP Pin Drive	69-77	Weedless	3	9 x 10	592959	EWC19	\$57	012076
		17'-16' Bts. - All Loads, Skis	3	8-3/4 x 11		PR20	\$57	012079
		16'-14' Bts. - All Loads, Skis	3	8-3/4 x 12		PR22	\$57	012080
		16'-14' Bts. - Heavy Loads	3	9 x 9	379717	PJ19	\$48	012109
		14'-12' Bts. - Heavy Loads	3	9 x 10	383629	PJ16	\$48	012011
		14'-12' Bts. - Light Loads	3	9-1/4 x 11	388088	PJ18	\$48	012013
		14'-12' Bts. - Light Loads	3	9-1/4 x 12		PJ15	\$48	012010
25 HP	51-55	Barges, Extra Heavy Boats	3	10-1/2 x 8		SMC47	\$75	012063
28 HP	62-64	Cruisers, Houseboats, Sailboats	3	10-1/2 x 10		PJ41	\$57	012027
30 HP	56	19'-17' Bts. - All Loads, Skis	3	10-3/8 x 11-1/2	385955	PJ31	\$57	012023
33 HP	65-70	19'-17' Bts. - All Loads, Skis	3	10-1/4 x 11		PR92	\$77	012084
35 HP	57-59	16'-14' Bts. - All Loads, Skis	3	10-1/4 x 13		PR96	\$77	012086
40 HP	60-76	16'-14' Bts. - All Loads, Skis	3	10-3/8 x 12-1/2	378580	PJ30	\$57	012022
40 HP Commercial & Workhorse Pin Drive	78-85	16'-14' Bts. - All Loads, Skis	3	10-1/2 x 12	380637	PJ32	\$57	012024
		16'-14' Bts. - Light Loads	3	10-3/8 x 13-1/2	378579	PJ35	\$57	012025
		16'-14' Bts. - Light Loads	3	10-1/2 x 13	384460	PJ42	\$57	012028
		14'-12' Bts. - Light Loads	3	10-3/8 x 14	378571	PJ40	\$57	012026
25 HP	78-84	Cruisers, Houseboats, Sailboats	3	9-1/4 x 7	389067	PJ13	\$48	012009
25 HP Commercial & Workhorse Spline Drive	78 Thru	19'-17' Bts. - All Loads, Skis	3	9 x 8		PJ44	\$48	012029
		18'-16' Bts. - Heavy Loads	3	9 x 9	389068	PJ29	\$48	012021
		17'-16' Bts. - All Loads, Skis	3	8-3/4 x 11		PR420	\$57	012095
28 HP	84 Thru	17'-15' Bts. - All Loads, Skis	3	9 x 10	389069	PJ22	\$48	012015
		17'-14' Bts. - All Loads, Skis	3	9-1/4 x 11	388883	PJ24	\$48	012016
		17'-14' Bts. - Light Loads	3	9-1/4 x 12	389944	PJ45	\$48	012030
		16'-14' Bts. - Light Loads	3	8-3/4 x 13		PR424	\$57	012097
20 HP	84 Thru	Cruisers, Houseboats	3	11-1/4 x 7	387320	PJ94	\$74	012053
25 HP	84 Thru	20'-17' Bts. - All Loads, Skis	3	11 x 9	386317	PJ95	\$74	012054
30 HP	84 Thru	18'-16' Bts. - All Loads, Skis	3	10-1/2 x 11	175190	PJ96	\$74	012055
35 HP Thru Hub Exhaust	76 Thru	17'-15' Bts. - All Loads, Skis	3	10 x 13	175191	PJ97	\$74	012056
		15'-13' Bts. - All Loads, Skis	3	10 x 15	390380	PJ98	\$74	012057
50 HP V-4 Pin Drive	58-59	16'-14' Bts. - All Loads, Skis	3	12-1/8 x 14	278155	PJ50	\$83	012033
40 HP 2 Cyl.	84 Thru	Cruisers, Houseboats	3	13 x 11	386907	PJ58	\$90	012036
48 HP	87 Thru	18'-15' Bts.-All Loads, Skis	3	12-1/2 x 13	386909	PJ59	\$90	012037
50 HP 2 Cyl.	75 Thru	17'-14' Bts.-All Loads, Skis	3	12-1/4 x 15	386786	PJ60	\$90	012038
55 HP 2 Cyl.	76-79	15'-13' Bts.-Light Loads	3	11-3/4 x 17	386841	PJ61	\$90	012039
60 HP 2 Cyl.	80-85	14'-12' Bts.-Light Loads	3	11-1/2 x 19	386908	PJ62	\$90	012040
75 HP 3 Cyl. Sprint	75-85		3	11-1/2 x 19				
86 Thru Formula E Small Gear Case Thru Hub Exhaust	86 Thru		3	11-1/4 x 19				
45 HP 2 Cyl.* Commercial	86 Thru	Cruisers, Houseboats	4	14 x 10		DQ320	\$148	012074
50 HP 2 Cyl.	71-74	Cruisers, Houseboats	3	14 x 11	382761	PJ87	\$100	012047
50 HP 2 Cyl.*	77-79	Cruisers, Houseboats	3	14 x 13	382762	PJ79	\$100	012048
55 HP 2 Cyl.* Commercial	80 Thru	Cruisers, Houseboats	3	14 x 13	391668	*PJ88C	\$105	011001
		22'-19' Bts.-All Loads	4	14 x 12		DQ328	\$148	012075
55 HP 3 Cyl.	68-69	19'-17' Bts.-All Loads, Skis	3	13-3/4 x 15	382763	PJ80	\$100	012049
60 HP 3 Cyl.	70-71	19'-17' Bts.-All Loads, Skis	3	13-3/4 x 15	391198	*PJ89C	\$105	011002
60 HP 3 Cyl.	86 Thru	18'-15' Bts.-All Loads, Skis	3	13-1/4 x 17	382764	PJ81	\$100	012050
65 HP 3 Cyl.	72-73	18'-15' Bts.-All Loads, Skis	3	13-1/4 x 17	391199	*PJ90C	\$105	011003
65 HP 3 Cyl.* Commercial	84 Thru	16'-14' Bts.-All Loads, Skis	3	13 x 19	382765	PJ82	\$100	012051
70 HP 3 Cyl.	74 Thru	16'-14' Bts.-All Loads, Skis	3	13 x 19	390896	*PJ91C	\$105	011004
75 HP 3 Cyl. Lg. Gear Case All Thru Hub Exhaust	75-84	16'-14' Bts.-Light Loads	3	12-3/4 x 21	389788	*PJ83C	\$105	011005



Evinrude/Johnson 9.9-15 HP Aluminum



Evinrude/Johnson 15-25 HP Pin Drive Aluminum



Evinrude/Johnson 20-35 HP Aluminum

STAINLESS STEEL

Nearest OMC Equiv.	Price	Michigan Part No.
390849 SST®	\$274	013024
390850 SST® SSO315C	\$274	013010
390851 SST®	\$274	013026
390852 SST®	\$274	013032
389949 SST II®	\$335	013028
389948 SST II® (13-3/8 x 17)	\$335	013030
389510 SST II®	\$335	013033
389512 SST II®	\$335	013034

*** Engines being offered in European market only.

* Indicates Cupped Propeller.

Motor & Model	Year	Boat Size & Recommendation	Blids.	Dia & Pitch	ALUMINUM			STAINLESS STEEL		
					Nearest OMC Equiv.	Price	Michigan Part No.	Nearest OMC Equiv.	Price	Michigan Part No.
60,65,75,80, 85,90 HP V-4	60-68	19'-17' Bts.-All Loads, Skis	3	10 x 9-1/4	379260	tPJ74 \$69	012042			
† Small Hub Prop uses special small nut- Part No. NP74 \$14.00** Pin Drive		19'-17' Bts.-All Loads, Skis	3	9-1/2 x 10	379448	PJ78 \$69	012046			
		19'-17' Bts.-All Loads, Skis	3	10-1/4 x 10	378040	PJ75 \$69	012043			
		17'-16' Bts.-All Loads, Skis	3	10 x 11	381446	tPJ73 \$69	012041			
		17'-16' Bts.-All Loads, Skis	3	10 x 11	377978	PJ76 \$69	012044			
100 HP V-4	66-68	24'-20' Bts.-One Engine	3	14 x 11	382676	PR115 \$150	012089			
Pin Drive		24'-20' Bts.-One Engine	3	14 x 12	382017	PR118 \$150	012090			
		19'-17' Bts.-All Loads, Skis	3	13 x 14	381442	PR105 \$150	012087			
85 HP V-4	69-80	Cruisers, Houseboats	4	14 x 10		DQ320 \$148	012074			
85 HP V-4	91 Thru	Cruisers, Houseboats	4	14 x 12		DQ328 \$148	012075			
88 HP V-4	81 Thru	Cruisers, Houseboats	3	14 x 11	382761	PJ87 \$100	012047			
90 HP V-4	81 Thru	Cruisers, Houseboats	3	14 x 11	382762	PJ79 \$100	012048			
100 HP V-4	79-80	Cruisers, Houseboats	3	14 x 13	382762	PJ79 \$100	012048			
100 HP V-4	88 Thru	Cruisers, Houseboats	3	14 x 13	391668	*PJ88C \$105	011001			
110 HP V-4	86-89	24'-20' Bts.	3	13-3/4 x 15	382763	PJ80 \$100	012049			
115 HP V-4	73-85	24'-20' Bts.	3	13-3/4 x 15	391198	*PJ89C \$105	011002	389949 SST II®	\$335	013028
120 HP V-4	86 Thru	22'-19' Bts.-All Loads	3	13-1/4 x 17	382764	PJ81 \$100	012050			
125 HP V-4	71-72	22'-19' Bts.-All Loads	3	13-1/4 x 17	391199	*PJ90C \$105	011003	389948 (13-3/8 x 17) SST II®	\$335	013030
135 HP V-4	73-76	19'-17' Bts.-All Loads, Skis	3	13 x 19	382765	PJ82 \$100	012051			
140 HP V-4	77-84	19'-17' Bts.-All Loads, Skis	3	13 x 19	390896	*PJ91C \$105	011004	389510 SST II®	\$335	013033
140 HP V-4	86 Thru	18'-15' Bts.-All Loads, Skis	3	12-3/4 x 21	389788	*PJ83C \$105	011005	389512 SST II®	\$335	013034
Thru Hub Exhaust		High-Performance SS	3	13 1/4 x 17				394758 Raker™	\$399	013027
		High-Performance SS	3	13 1/4 x 19				394759 Raker™	\$399	013029
		High-Performance SS	3	13 1/4 x 21				394760 Raker™	\$399	013031
		High-Performance SS	3	13 1/4 x 21						
100 HP V-4*	84 Thru	Cruisers, Houseboats	3	15-1/2 x 10		*PJ199C \$180	011015			
120-140 HP V-4	1985	Cruisers, Houseboats	3	15-1/2 x 13	387158	PJ200 \$123	012059			
140 (25") V-4	89 Thru	Cruisers, Houseboats	3	15-1/2 x 13	391536	PJ200C \$123	011016			
V-6 Gearcase *Commercial		Cruisers, Houseboats	3	15-1/2 x 15	391535	PJ201C \$123	011006			
		Cruisers, Houseboats	3	15 x 15				174926 SST II®	\$359	013052
*150 HP V-6	78 Thru	26'-20' Bts.-All Loads, Skis	3	15 x 17	391200	PJ202C \$123	011007			
GT, XP 150 V-6	86 Thru	26'-20' Bts.-All Loads, Skis	3	15 x 17				391290 SST II®	\$359	013044
155 HP V-6*	84 Thru	22'-18' Bts.-All Loads, Skis	3	14-1/2 x 19	391201	PJ203C \$123	011008			
175 HP V-6	77 Thru	22'-18' Bts.-All Loads, Skis	3	14-1/2 x 19				389924 SST II®	\$359	013046
GT, XP 175 V-6	89 Thru	22'-18' Bts.-All Loads, Skis	3	14-1/2 x 19						
*Commercial		19'-17' Bts.-All Loads, Skis	3	14-1/4 x 21	391202	PJ204C \$123	011009			
185 HP V-6	84-85	19'-17' Bts.-All Loads, Skis	3	14-1/4 x 21				389923 SST II®	\$359	013048
200 HP V-6	76 Thru	19'-17' Bts.-All Loads, Skis	3	14-1/4 x 21						
GT, XP 200 V-6	86 Thru	18'-15' Bts.-All Loads, Skis	3	14-1/4 x 23	391203	PJ205C \$123	011010			
225 HP V-6	86 Thru	18'-15' Bts.-All Loads, Skis	3	14-1/4 x 23				389019 SST II®	\$359	013050
235 HP V-6	78-85	42-52 MPH	3	14 1/4 x 20				394753 Raker™	\$439	013054
2.6L V-6	84-85	53-58 MPH	3	14 1/4 x 22				394754 Raker™	\$439	013056
250 HP V-8	91 Thru	57-63 MPH	3	14 1/4 x 24				394755 Raker™	\$439	013058
275 HP V-8	86-90	62-72 MPH	3	14 1/4 x 26				394756 Raker™	\$439	013060
GT, XP300 V-8	86-90	50-62 MPH	4	13 3/4 x 22				431717 Shooter®	\$477	**013036
*3.6L V-8		55-67 MPH	4	13 3/4 x 24				431718 Shooter®	\$477	**013038
Thru-Hub Exhaust		60-72 MPH	4	13 3/4 x 26				431719 Shooter®	\$477	**013040
Left Hand			3	15 x 15				174927 SST II® LH	\$359	013051
Rotation Propellers			3	15 x 17				431930 SST II® LH	\$359	013043
All V-6 & V-8	87 Thru		3	14-1/2 x 19				390822 SST II® LH	\$359	013045
V-4 (V-6 Gearcase)	88 Thru		3	14-1/4 x 21				390821 SST II® LH	\$359	013047
Couter-Rotation			3	14-1/4 x 23				390823 SST II® LH	\$359	013049
Outboards			3	14 1/4 x 20				398502 Raker™ LH	\$439	013055
			3	14 1/4 x 22				398503 Raker™ LH	\$439	013057
			3	14 1/4 x 24				398504 Raker™ LH	\$439	013059
			3	14 1/4 x 26				398505 Raker™ LH	\$439	013061

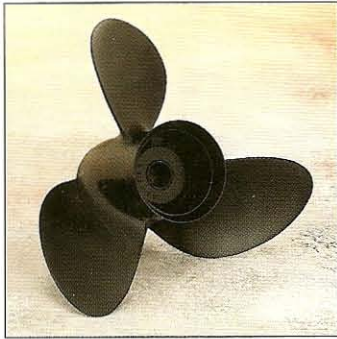


OMC OUTBOARD ("Heavy-Duty Special" Hard to Plane Boats)

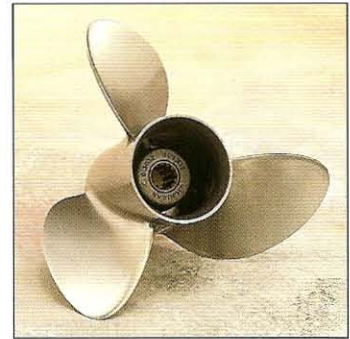
Motor & Model	Year	Boat Size (Speed MPH)	Mat'l.	Blids	Dia. & Pitch	Price	LH Part No.	RH Part No.
120-140 HP V-4	86 Thru	26'-24' Twin (36-45)	S.S.	3	15 X 19	\$440	013021	013016
Thru Hub Exhaust		24'-22' Single (33-40)	S.S.	3	15 1/4 X 17	\$440		013015
V-6 Gearcase		24'-22' Twin (36-45)	S.S.	3	15 X 19	\$440	013021	013016
		22'-20' Single (36-45)	S.S.	3	15 X 19	\$440		013016
		22'-20' Twin (39-50)	S.S.	3	14 1/2 X 21	\$440	013023	013017
		21'-18' Single (39-50)	S.S.	3	14 1/2 X 21	\$440		013017
150-235 HP V-6	78 Thru	32'+ Twin (35-45)	S.S.	3	15 1/4 X 17	\$440	013019	013015
Thru Hub Exhaust		28'-24' Single (35-45)	S.S.	3	15 1/4 X 17	\$440		013015
		28'-24' Twin (40-48)	S.S.	3	15 X 19	\$440	013021	013016
		24'-22' Single (40-48)	S.S.	3	15 X 19	\$440		013016
250 HP - 3.6 GT V-8	85 Thru	24'-22' Single (40-48)	S.S.	3	14 1/2 X 21	\$440	013023	013017
Thru Hub Exhaust		22'-20' Twin (45-53)	S.S.	3	14 1/2 X 21	\$440		013017

* If currently using uncupped prop, use cupped prop having 2" less pitch. Boats with power trim use same pitch.
 • 2 1/2" of skeg must be removed for proper fit. Use thrust washer 333592.
 ** Forward Thrust washer A-9500-111 comes with propeller and replaces the standard OMC Thrust Washer. If used on 1991 or 1992 model engines OMC thrust washer 126318 must be used.
 SST II® is a Registered Trademark of the OMC Corporation. Shooter™ and Raker™ are trademarks of the OMC Corporation.
 *** Available from Michigan Wheel Corporation Distributors, order part 302001

40-50 HP Propellers

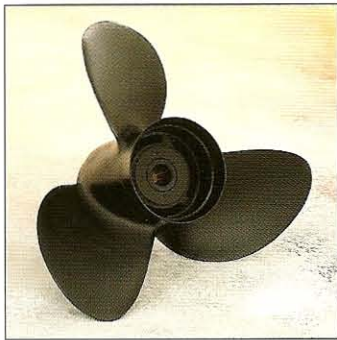


Evinrude/Johnson
40-50 HP
Aluminum

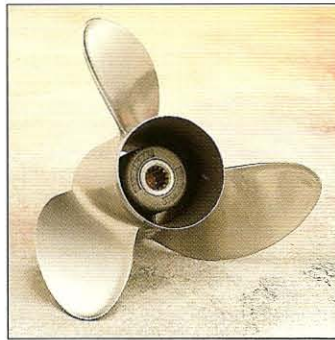


Evinrude/Johnson
40-50 HP
Stainless Steel

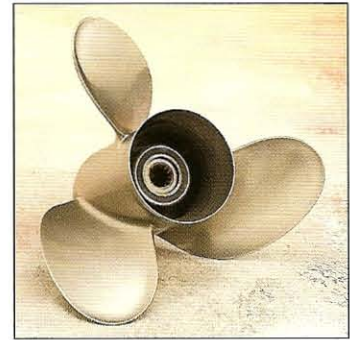
V-4 Propellers



Evinrude/Johnson
V-4 Aluminum

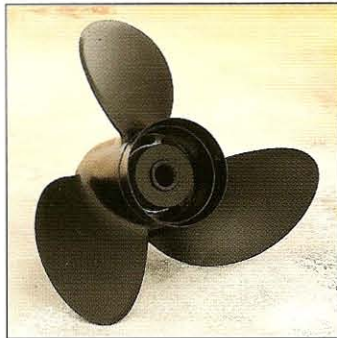


Evinrude/Johnson
V-4 Stainless Steel

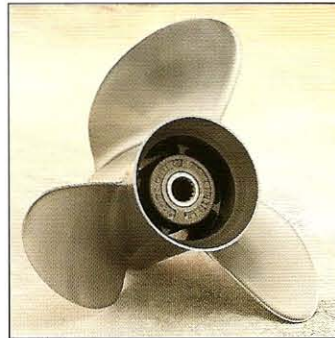


Evinrude/Johnson
V-4 High Performance
Stainless Steel

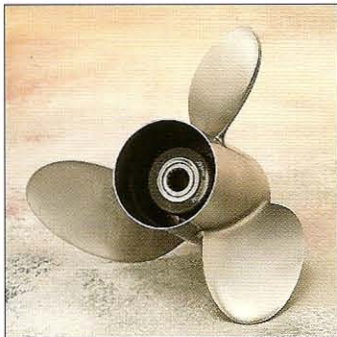
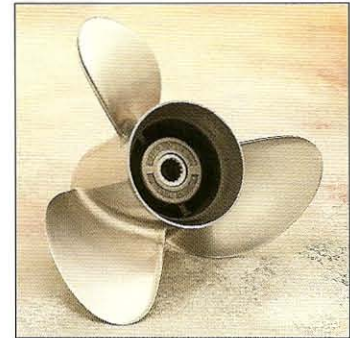
V-6 Propellers



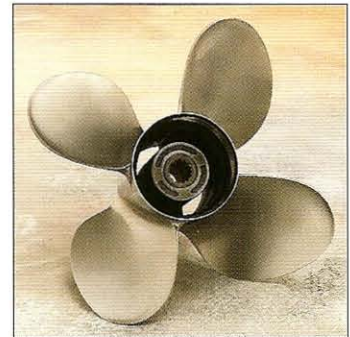
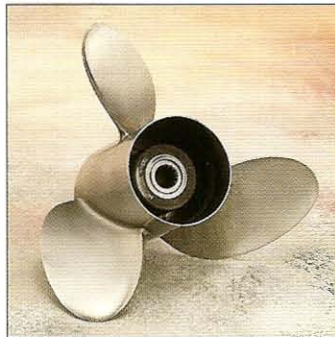
Evinrude/Johnson
V-6 Aluminum



Evinrude/Johnson V-6 RH & LH Stainless Steel

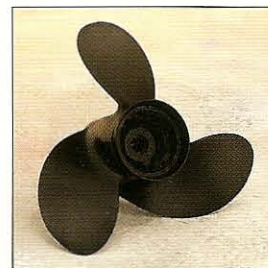


Evinrude/Johnson V-6 RH & LH High Performance Stainless Steel

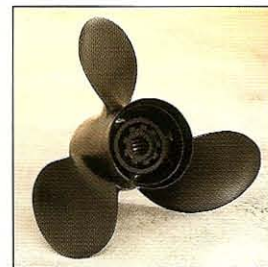


Evinrude/Johnson
V-6 4 Blade
Stainless Steel

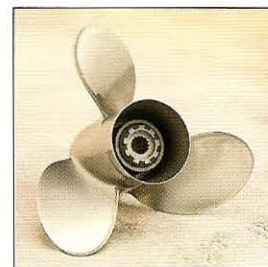
Motor & Model	Year	Boat Size & Recommendation	Bids. Dia. & Pitch	ALUMINUM		
				Nearest Merc. Equiv.	Price	Michigan Part No.
40	73-75	Standard Replacement	2 8-1/4 x 6	48-63494A10	PM 8	\$49 032014
45	73-81					
60	61-67	Standard Replacement	2 8 x 8	48-45890A1	PM 6	\$65 032013
Mark 28, 28A 200-250	58-62	16'-14' Bts. - All Loads, Skis	3 9-1/4 x 9	48-28037A1	PM 27(LH)	\$79 032025
Merc 7.5, 9.8, 110	68-85	Standard Replacement	2 9 x 9	48-47922A10	PM 21	\$42 032021
8 Spline	68-79	Light Runabouts - Light Loads	2 9 x 10	48-47926A10	PM 19	\$42 032019
Merc 110	62-67	16'-14' Bts. - All Loads, Skis	2 9 x 9	48-32364A1	PM 11	\$49 032016
6 Spline		14'-12' Bts. - Light Loads	2 9 x 10	48-31504A1	PM 10	\$49 032015
Merc 20	63-81	16'-14' Bts. - All Loads, Skis	3 9-1/4 x 9	48-86962A4	PM 26	\$68 032111
		Standard Replacement	2 10 x 11		PM 30	\$66 032112
6 HP	86-87	Houseboat, Workboat	3 9-3/4 x 5-1/2	48-42518A11		\$65 032130
8 HP	86 Thru	14'-20' Bts.-All Loads	3 9-1/4 x 7	48-42520A11		\$65 032131
9.9 HP	86 Thru	Standard Replacement	3 9 x 9	48-42522A11		\$65 032132
15 HP	89 Thru	14'-16' Bts.-All Loads	3 9 x 10-1/2	48-17874A12		\$65 032133
18 HP	80-85	19'-15' Bts.	3 10-3/8 x 11	48-19638A40	PM 24C	\$88 031049
20 HP	86 Thru	17'-13' Bts.	3 10-3/8 x 13	48-19640A40	PM 23C	\$88 031048
25 HP	80 Thru	Up to 14' Bts.	3 10-1/4 x 14-1/2	48-19642A40	PM 22C	\$88 031047
Thru Hub Exhaust						
Mark 35A, Mark 50, 55, Mark 58, 58A	56-61	17'-16' Bts. - All Loads, Skis	3 10 x 10	48-22575A2	AMC 580S	\$119 032077
300, 350, 400, 500		16'-14' Bts. - All Loads, Skis	2 10-1/4 x 10	48-29985A2	PM 56	\$116 032035
All 11 Spline		16'-14' Bts. - Light Loads	2 10-1/4 x 12	48-22914A2	PM 55	\$116 032034
300, 350	62-69	Cruisers, Houseboats, Sailboats	3 10-1/4 x 9	48-32194A1	PR 31	\$109 032083
400,450,500		19'-17' Bts. - All Loads, Skis	3 10-1/4 x 10	48-33774A1	PR 33	\$109 032084
Thru Prop Exhaust		17'-16' Bts. - All Loads, Skis	3 10-1/4 x 11	48-38098A1	PR 35	\$109 032085
		16'-14' Bts. - All Loads, Skis	3 10-1/4 x 12	48-38094A1	PR 37	\$109 032086
		16'-14' Bts. - Light Loads	3 10-1/4 x 13	48-38090A1	PR 39	\$109 032087
		14'-12' Bts. - Light Loads	3 10-1/4 x 15	48-38086A1	PR 43	\$109 032088
400-402-500	70-73	24'-20' Bts. - All Loads	3 10-1/4 x 10	48-56246A1	PR333	\$109 032096
Prop Exhaust		19'-17' Bts. - All Loads, Skis	3 10-1/4 x 11	48-56244A1	PR335	\$109 032097
13 Spline		17'-16' Bts. - All Loads, Skis	3 10-1/4 x 12	48-56240A1	PR337	\$109 032098
		16'-14' Bts. - All Loads, Skis	3 10-1/4 x 13	48-56236A1	PR339	\$109 032099
		16'-14' Bts. - Light Loads	3 10-1/4 x 15	48-56232A1	PR343	\$109 032100
		14'-12' Bts. - Light Loads	3 10-3/4 x 17	48-56230A1	PR345	\$109 032101
402-500	74-76	22'-19' Bts. - All Loads	3 12-1/4 x 10	48-61812A1	PM530	\$105 032045
650	72-76	19'-17' Bts. - All Loads, Skis	3 12 x 11	48-61814A1	PM527	\$105 032044
		17'-16' Bts. - All Loads, Skis	3 11-3/4 x 12	48-61816A1	PM524	\$105 032043
		18'-15' Bts. - All Loads, Skis	3 11-1/2 x 13	48-61818A1	PM521	\$105 032042
		16'-14' Bts. - Light Loads	3 11-1/4 x 14	48-61820A1	PM518	\$105 032041
		15'-13' Bts. - Light Loads	3 11 x 15	48-61822A1	PM515	\$105 032040
		14'-12' Bts. - Light Loads	3 10-3/4 x 16	48-61824A1	PM513	\$105 032039
402-500-700 HP	77-84	19'-17' Bts. - All Loads, Skis	3 11-1/4 x 10	48-73132A4	PM600C	\$109 031015
35 HP	84-89	18'-16' Bts. - All Loads, Skis	3 10-5/8 x 12	48-73134A4	PM612C	\$109 031016
(2 Cyl. In Line)						
40 HP(2 Cyl. In Line)	77-83	18'-16' Bts. - All Loads, Skis	3 10-5/8 x 12			
(4 Cyl. In Line)	86-89	17'-15' Bts. - All Loads, Skis	3 10-3/8 x 10	48-73136A4	PM613C	\$109 031017
45 HP		17'-14' Bts. - All Loads	3 10-1/4 x 14	48-73138A4	PM614C	\$109 031018
(4 Cyl. In Line)						
50 HP	77-85	16'-14' Bts. - Light Loads	3 10-1/8 x 15	48-73140A4	PM615C	\$109 031019
(4 Cyl. In Line)						
50 HP	86 Thru	15'-13' Bts. - Light Loads	3 10 x 17	48-73144A4	PM617C	\$109 031020
(3 Cyl. In Line)						
60 HP	84 Thru					
(3 Cyl. In Line)						
70 HP	Thru 83					
(3 Cyl. In Line)						
650 4 Cyl. (2:1)	61-70	24'-20' Bts.	3 13 x 11	48-35936A3	**PR151	\$111 **032089
800-850 6 Cyl.	Thru 72	22'-19' Bts.	3 13 x 13	48-32392A3	**PR153	\$111 **032090
900-1150	Thru 77	19'-17' Bts. - All Loads, Skis	3 13 x 15	48-32390A3	**PR155	\$111 **032091
650 2Cyl.	Thru 71	19'-17' Bts. - All Loads, Skis	3 13 x 15		**PR155C	\$119 **031001
800-850 4 Cyl.	72-77	19'-17' Bts. - All Loads, Skis	3 13-3/4 x 15			
1000-1100	Thru 77	17'-16' Bts. - All Loads, Skis	3 13 x 17	48-32264A3	**PR157	\$111 **032092
1150-1250	Thru 77	17'-16' Bts. - All Loads, Skis	3 13 x 17		**PR157C	\$119 **031002
1350	Thru 77					
1400-1500 In Line 6	Thru 77	17'-16' Bts. - All Loads, Skis	3 13-1/4 x 17			
		18'-15' Bts. - All Loads, Skis	3 13 x 19	48-32750A3	**PR159	\$111 **032093
** Use Thrust Washer 65091		18'-15' Bts. - All Loads, Skis	3 13 x 19		**PR159C	\$119 **031003
* Use Thrust Washer 13191A1		16'-14' Bts. - All Loads, Skis	3 13 x 21	48-32746A3	**PR161	\$111 **032094
		16'-14' Bts. - All Loads, Skis	3 13 x 21		**PR161C	\$119 **031004
70 HP 3 Cyl.	87-89	24'-19' Bts. - All Loads	3 13 3/4 x 15	48-77342A4	t*PM315C	\$118 *031041
75 HP 3 Cyl.	90 Thru	20'-17' Bts. - All Loads, Skis	3 13 1/4 x 17	48-77344A4	t*PM317C	\$118 *031042
75 HP In Line 4	84-86	19'-16' Bts. - All Loads, Skis	3 13 x 19	48-77346A4	*PM319C	\$118 *031043
80 HP In Line 4	78-83	18'-15' Bts. - All Loads, Skis	3 12 3/4 x 21	48-77348A4	*PM321C	\$118 *031044
80 HP 3 Cyl.	87-89	18'-15' Bts. - All Loads, Skis	3 13 x 21			
90 HP In Line 6	78-86	18'-15' Bts. - All Loads, Skis	3 13 x 21			
90 HP 3 Cyl.	87 Thru	Light Runabouts, Light Loads	3 12 1/2 x 23	48-77350A4	*PM323C	\$118 *031045
100 HP In Line 4	88 Thru					
115 HP In Line 6	78-89					
115 HP In Line 4	88 Thru					
*Use Thrust Washer 13191A1						



Mercury 8-15 HP Aluminum



Mercury 70-115 HP Aluminum



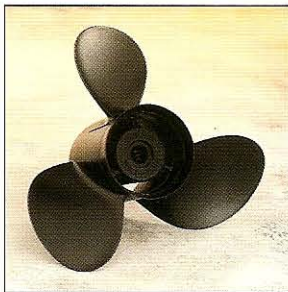
Mercury 70-115 HP Stainless Steel

STAINLESS STEEL

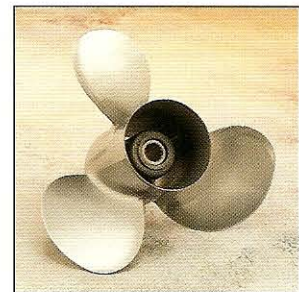
Nearest Merc. Equiv.	Price	Michigan Part No.
48-79792A5	SSM212C \$304	033001
48-76230A5	\$304	033028
48-16986A5	t*SSM6151IC \$361	t*033016
48-16988A5	t*SSM6171IC \$361	t*033017
48-16990A40	*SSM6191IC \$361	*033018
48-16992A40	*SSM6211IC \$361	*033019
48-16986A5	t*SSM6151IC \$361	t*033016
48-16988A5	t*SSM6171IC \$361	t*033017
48-16990A40	*SSM6191IC \$361	*033018
48-16992A40	*SSM6211IC \$361	*033019

t Requires High Performance Trim Tab C46399A1 for Proper Fit.

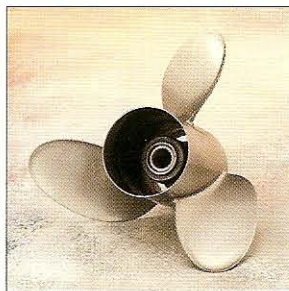
Motor & Model	Year	Boat Size & Recommendation	Blids. Dia. & Pitch	ALUMINUM			STAINLESS STEEL			
				Nearest Merc. Equiv.	Price	Michigan Part No.	Nearest Merc. Equiv.	Price	Michigan Part No.	
NEW 150 XR-4, XR-6	All Yrs.	53-62 MPH	4 13 1/4 x 22				48-815744A40 High Five™	\$459	033068	
		55-63 MPH	4 13 1/4 x 23					\$459	033069	
		59-67 MPH	4 13 1/4 x 24				48-815746A40 High Five™	\$459	033070	
		64-73 MPH	4 13 1/4 x 25					\$459	033071	
135 HP 150 HP V-6 175 HP V-6 175 HP V-6 200 HP V-6 220 HP V-6 225 HP V-6 Merc Laser 200 HP XRI 300 HP V-6 3.4 Litre *Use Thrust Washer 13171 High Performance Propellers	87 Thru	30'+(40-45MPH) Sgl. or Twin	3 15-1/4 x 17				SSM 272C	\$458	033020-1	
	78 Thru	30'-28'(45-50 MPH) Sgl. or Twin	3 15 x 19				SSM 292C	\$458	033021-1	
	78-81	28'-24'(50-55 MPH) Sgl. or Twin	3 14-1/2 x 21				SSM 312C	\$458	033022-1	
	85 Thru	Cruisers, Houseboats	3 16 x 11	48-78112A40	PM 211C	\$136	031021			
	78 Thru	Cruisers, Houseboats	3 16 x 13	48-78114A40	PM 213C	\$136	031022			
	87-88	Cruisers, Houseboats	3 16 x 14	48-16438A40		\$136	031050			
	81-82	22'-25 Bts. - All Loads	3 15-1/4 x 15	48-78116A40	PM 215C	\$136	031023			
	87 Thru	21'-24' Bts. - All Loads	3 14-1/2 x 15					48-16312A5 SSM 245C	\$407	033002-1
	83	20'-23 Bts. - All Loads, Skis	3 16 x 16	48-16440A40		\$136	031051			
	84-86	19'-23' Bts. - All Loads, Skis	3 14-1/2 x 17	48-78118A40	PM 217C	\$136	031024	48-16314A5 SSM 247C	\$407	033003-1
		18'-22' Bts. - All Loads, Skis	3 15 1/2 x 18	48-11324A40		\$136	031052			
		18'-21' Bts. - All Loads, Skis	3 14 x 19	48-78120A40	PM 219C	\$136	031025	48-16316A5 SSM 249C	\$407	033004-1
		18'-20' Bts. - All Loads, Skis	3 13-3/4 x 21	48-78122A40	PM 221C	\$136	031026	48-16318A5 SSM 251C	\$407	033005-1
		17'-20' Bts. - All Loads, Skis	3 13-1/2 x 23	48-78124A40	PM 223C	\$136	031027	48-16320A5 SSM 253C	\$407	033006-1
		42-52 MPH	3 14 1/4 x 20					48-16546A41 Laser II™	\$457	033060
		53-58 MPH	3 14 1/4 x 22					48-16548A41 Laser II™	\$457	033062
		57-63 MPH	3 14 1/4 x 24					48-16550A41 Laser II™	\$457	033064
		62-72 MPH	3 14 1/4 x 26					48-16552A41 Laser II™	\$457	033066
			3 14 1/4 x 20	Left Hand				48-16545A41 Laser II™	\$457	033061
			3 14 1/4 x 22	Left Hand				48-16547A41 Laser II™	\$457	033063
		3 14 1/4 x 24	Left Hand				48-16549A41 Laser II™	\$457	033065	
		3 14 1/4 x 26	Left Hand				48-19709A40 Laser II™	\$457	033067	
		4 13 3/4 x 22						\$477	033038*	
		4 13 3/4 x 24		4 Blade Hole				\$477	033040*	
		4 13 3/4 x 26		Shot Propellers				\$477	033042*	
* Forward Thrust Washer A-9500-110 comes with propeller and replaces Mercury Forward Thrust Washer.										
250,275 HP WAVE™ Performance Propellers	90 Thru	21'-24' Bts.-All Loads, Skis	3 15 1/4 x 19				48-13700A41 Mirage™	\$459	033030	
		18'-22' Bts.-All Loads, Skis	3 14 3/4 x 21				48-13702A41 Mirage™	\$459	033032	
		18'-21' Bts.-All Loads, Skis	3 14 5/8 x 23				48-13704A41 Mirage™	\$459	033034	
		18'-20' Bts.-All Loads, Skis	3 14 1/2 x 25				48-13706A41 Mirage™	\$459	033036	



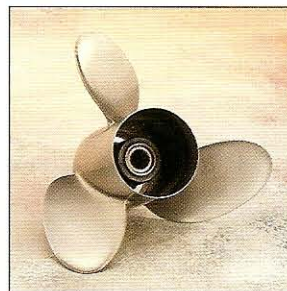
Mercury 135-300 HP Aluminum



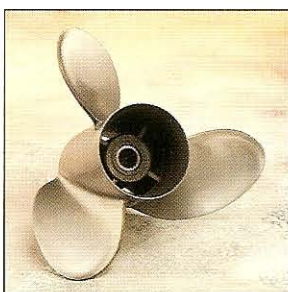
Mercury 135-300 HP Stainless Steel



Mercury V-6 High Performance Stainless Steel



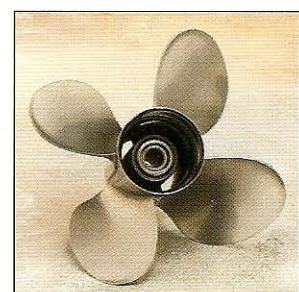
Mercury V-6 High Performance Stainless Steel



Mercury 250-275 HP Stainless Steel

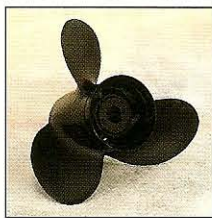


Mercury XR4-XR6 4 Blade

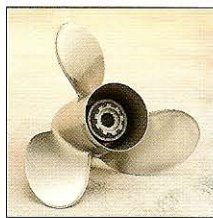


Mercury V-6 4 Blade Stainless Steel

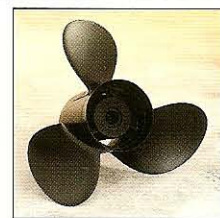
Motor & Model	Year	Boat Size & Recommendation	Blids, Dia. & Pitch	ALUMINUM			STAINLESS STEEL		
				Nearest Mariner Equiv.	Price	Michigan Part No.	Nearest Mariner Equiv.	Price	Michigan Part No.
8 HP	76-84	24'-20' Bts. - Sailboats 16'-14' Bts. - All Loads, Skis 16'-14' Bts. - Light Loads	3 8-1/4 x 6-1/2 3 8-1/4 x 8 3 8-1/4 x 9	48-82763 48-82764 48-82766	SMC12 PJ11 SMC18	\$57 \$44 \$48	012100 012008 012101		
8 HP 9.9 HP 15 HP	87 Thru 87 Thru 89 Thru	Houseboat, Workboat 14'-20' Bts. - All Loads Standard Replacement 14'-16' Bts. All Loads	3 9-3/4 x 5-1/2 3 9-1/4 x 7 3 9 x 9 3 9 x 10-1/2	48-42518A11 48-42520A11 48-42522A11 48-17874A12		\$65 \$65 \$65 \$65	032130 032131 032132 032133		
15A, 15 W15 20 HP 25 HP	76-82 76-84 76-79 77-79	Houseboats, Sailboats 14'-12' Bts. - Heavy Loads 14'-12' Bts. - All Loads, Skis 14'-12' Bts. - Light Loads	3 9-1/4 x 7 3 9 x 10 3 9-1/4 x 11 3 9-1/4 x 12	48-96628M 48-96625M 48-96623M 48-96622M	SMC39 PJ16 PJ18 PJ15	\$59 \$48 \$48 \$48	012102 012011 012013 012010		
20-25 HP Thru Hub Exhaust	85 Thru	19'-15' Bts. 17'-13' Bts. Up to 14' Bts.	3 10-3/8 x 11 3 10-3/8 x 13 3 10-1/4 x 14-1/2	48-19638A4 48-19640A4 48-19642A4	PM24C PM23C PM22C	\$88 \$88 \$88	031049 031048 031047		
25 HP 28 HP 30 HP Flow-Thru Exhaust	80-84 76-79 79-90	18'-16' Bts. - All Loads, Skis 17'-14' Bts. - All Loads, Skis 16'-13' Bts. - Light Loads	3 9-7/8 x 9 3 9-7/8 x 10-1/2 3 9-3/8 x 12	48-81647 48-81649	PM39 PM40 PM42	\$84 \$84 \$84	022001 022002 022003		
W40 HP For Non Thru Prop Exhaust	77-78	20'-18' Bts. - All Loads 17'-16' Bts. - All Loads, Skis	3 11-3/4 x 8-3/4 3 11-3/4 x 10	48-96636M 48-96635M	PM62 PM61	\$104 \$104	022006 022005		
40 HP 2 Cyl. 40 HP 4 Cyl. 45 HP 4 Cyl. 48 HP 50 HP 4 Cyl. 50 HP 3 Cyl. 60 HP 3 Cyl. 70 HP 3 Cyl. All Thru-Hub Exhaust	78-90 91 Thru 86 Thru All Years Thru 85 86 Thru 78 Thru 83 Thru	22'-19' Bts. - All Loads 18'-15' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 17'-16' Bts. - All Loads, Skis 16'-14' Bts. - Light Loads 15'-13' Bts. - Light Loads 15'-12' Bts. - Light Loads	3 11-1/4 x 10 3 10-5/8 x 12 3 10-5/8 x 12 3 10-3/8 x 13 3 10-1/4 x 14 3 10-1/8 x 15 3 10 x 17	48-73132A4 48-73134A4 48-73136A4 48-73138A4 48-73140A4 48-73144A4	PM600C PM612C PM613C PM614C PM615C PM617C	\$109 \$109 \$109 \$109 \$109 \$109	031015 031016 031017 031018 031019 031020	48-79792A5 SSM 212C \$304 033001 48-76230A5 \$304 033028	
60 HP	76	22'-19' Bts. - All Loads 19'-17' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 17'-16' Bts. - All Loads, Skis 16'-14' Bts. - Light Loads 15'-13' Bts. - Light Loads 14'-12' Bts. - Light Loads	3 12-1/4 x 10 3 12 x 11 3 11-3/4 x 12 3 11-1/2 x 13 3 11-1/4 x 14 3 11 x 15 3 10-3/4 x 16	48-61812A1 48-61814A1 48-61816A1 48-61818A1 48-61820A1 48-61822A1 48-61824A1	PM530 PM527 PM524 PM521 PM518 PM515 PM513	\$105 \$105 \$105 \$105 \$105 \$105 \$105	032045 032044 032043 032042 032041 032040 032039		
80 HP ** Use Thrust Washer 65091 * Use Thrust Washer 13191A1	77	24'-20' Bts. 22'-19' Bts. - All Loads 22'-19' Bts. - All Loads 22'-19' Bts. - All Loads 19'-17' Bts. - All Loads, Skis 19'-17' Bts. - All Loads, Skis 19'-17' Bts. - All Loads, Skis 17'-16' Bts. - All Loads, Skis 17'-16' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 16'-14' Bts. - All Loads, Skis	3 13 x 13 3 13 x 15 3 13 x 15 3 13-3/4 x 15 3 13 x 17 3 13 x 17 3 13-1/4 x 17 3 13 x 19 3 13 x 19 3 13 x 21 3 13 x 21 3 13 x 23	48-58826 48-32390 48-65022 48-65024 48-62780 48-65736	**PR153 **PR155 **PR155C **PR157 **PR157C **PR159 **PR159C **PR161 **PR161C **PR163C	\$111 \$111 \$119 \$111 \$119 \$111 \$111 \$111 \$119 \$119	**032090 **032091 **031001 **032092 **031002 **032093 **031003 **032094 **031004 **031005	48-16986A5 t*SSM615 II C \$361 t*033016 48-16988A5 t*SSM617 II C \$361 t*033017 48-16990A40 *SSM619 II C \$361 *033018 48-16992A40 *SSM621 II C \$361 *033019	
75 HP 4 In Line 75 HP 3 Cyl. 80 HP 4 In Line 90 HP 6 In Line 90 HP 3 Cyl. 100 HP 4 In Line 115 HP 6 In Line 115 HP 4 In Line *Use Thrust Washer 13191A1	Thru 86 87 Thru 78-83 Thru 85 87 Thru 88 Thru 78-88 89 Thru	24'-20' Bts. - All Loads, Skis 19'-17' Bts. - All Loads, Skis 18'-16' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 16'-14' Bts. - All Loads, Skis	3 13-3/4 x 15 3 13-1/4 x 17 3 13 x 19 3 12-3/4 x 21 3 13 x 21 3 12-1/2 x 23	48-77342A4 48-77344A4 48-77346A4 48-77348A4 48-77350A4	t*PM315C t*PM317C *PM319C *PM321C *PM323C	\$118 \$118 \$118 \$118 \$118	t*031041 t*031042 *031043 *031044 *031045	48-16986A5 t*SSM615 II C \$361 t*033016 48-16988A5 t*SSM617 II C \$361 t*033017 48-16990A40 *SSM619 II C \$361 *033018 48-16992A40 *SSM621 II C \$361 *033019	



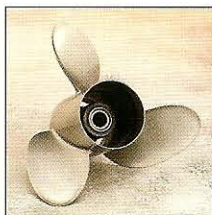
Mariner 40-70 HP
Aluminum



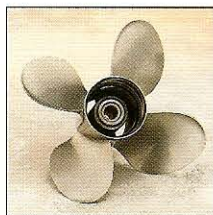
Mariner 75-115 HP
Stainless Steel



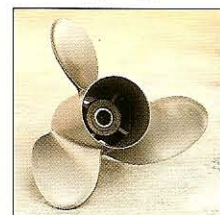
Mariner 135-220 HP
Aluminum



Edge II High Performance
Stainless Steel




V-6 4 Blade
Stainless Steel



Mariner 250-275 HP
Stainless Steel


t Requires High Performance Trim Tab C46399A1 For Proper Fit

Motor & Model	Year	Boat Size & Recommendation	Blds.	Dia. & Pitch	ALUMINUM			STAINLESS STEEL				
					Nearest OEM Equiv.	Price	Michigan Part No.	Nearest OEM Equiv.	Price	Michigan Part No.		
Magnum II & III	All Yrs.	53-62 MPH	4	13 1/4 x 22				48-815744A40	High Five™	\$459	033068	
		55-63 MPH	4	13 1/4 x 23						\$459	033069	
		59-67 MPH	4	13 1/4 x 24				48-815746A40	High Five™	\$459	033070	
		64-73 MPH	4	13 1/4 x 25						\$459	033071	
135 HP V-6 150 HP V-6 175 HP V-6 200 HP V-6 220 HP Magnum EFI Use Thrust Washer 13171 High Performance Propellers	86 Thru 79 Thru 78 Thru 79 Thru 87-88	30'+(40-45MPH) Sgl. or Twin	3	15-1/4 x 17					SSM 272C	\$458	033020-1	
		30'-28'(45-50 MPH) Sgl. or Twin	3	15 x 19					SSM 292C	\$458	033021-1	
		28'-24'(50-55 MPH) Sgl. or Twin	3	14-1/2 x 21					SSM 312C	\$458	033022-1	
		Cruisers, Houseboats	3	16 x 11	48-78112A40	PM 211C	\$136	031021				
		Cruisers, Houseboats	3	16 x 13	48-78114A40	PM 213C	\$136	031022				
		22'-25 Bts. - All Loads	3	16 x 14	48-16438A40		\$136	031050				
		21'-24' Bts. - All Loads	3	15-1/4 x 15	48-78116A40	PM 215C	\$136	031023				
		21'-24' Bts. - All Loads	3	14-1/2 x 15					48-16312A5	SSM 245C	\$407	033002-1
		20'-23 Bts. - All Loads, Skis	3	16 x 16	48-16440A40		\$136	031051				
		19'-23' Bts. - All Loads, Skis	3	14-1/2 x 17	48-78118A40	PM 217C	\$136	031024	48-16314A5	SSM 247C	\$407	033003-1
		18'-22' Bts. - All Loads, Skis	3	15 1/2 x 18	48-11324A40		\$136	031052				
		18'-21' Bts. - All Loads, Skis	3	14 x 19	48-78120A40	PM 219C	\$136	031025	48-16316A5	SSM 249C	\$407	033004-1
		18'-20' Bts. - All Loads, Skis	3	13-3/4 x 21	48-78122A40	PM 221C	\$136	031026	48-16318A5	SSM 251C	\$407	033005-1
		17'-20' Bts. - All Loads, Skis	3	13-1/2 x 23	48-78124A40	PM 223C	\$136	031027	48-16320A5	SSM 253C	\$407	033006-1
		42-52 MPH	3	14 1/4 x 20					48-16546A41	Laser II™	\$457	033060
		53-58 MPH	3	14 1/4 x 22					48-16548A41	Laser II™	\$457	033062
		57-63 MPH	3	14 1/4 x 24					48-16550A41	Laser II™	\$457	033064
		62-72 MPH	3	14 1/4 x 26					48-16552A41	Laser II™	\$457	033066
			3	14 1/4 x 20					48-16545A41	Laser II™	\$457	033061
			3	14 1/4 x 22					48-16547A41	Laser II™	\$457	033063
	3	14 1/4 x 24					48-16549A41	Laser II™	\$457	033065		
	3	14 1/4 x 26					48-19709A40	Laser II™	\$457	033067		
	4	13 3/4 x 22							\$477	033038*		
	4	13 3/4 x 24							\$477	033040*		
	4	13 3/4 x 26							\$477	033042*		
*Forward Thrust Washer A-9500-110 comes with propeller and replaces Mercury Forward Thrust Washer.												
250,275 HP  Performance Propellers	90 Thru	21'-24' Bts.-All Loads, Skis	3	15 1/4 x 19				48-13700A41	Mirage™	\$459	033030	
		18'-22' Bts.-All Loads, Skis	3	14 3/4 x 21				48-13702A41	Mirage™	\$459	033032	
		18'-21' Bts.-All Loads, Skis	3	14 5/8 x 23				48-13704A41	Mirage™	\$459	033034	
		18'-20' Bts.-All Loads, Skis	3	14 1/2 x 25				48-13706A41	Mirage™	\$459	033036	

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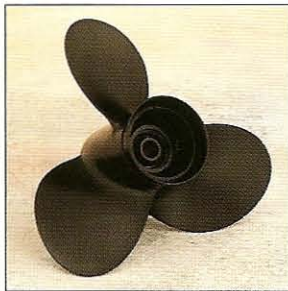
TOHATSU, NISSAN

Motor & Model	Year	Boat Size & Recommendation	Blds.	Dia. & Pitch	ALUMINUM			STAINLESS STEEL		
					Nearest OEM Equiv.	Price	Michigan Part No.	Price	Michigan Part No.	
9.9B - 18C HP	84-86	14' - 18' Bts. - All Loads	3	9.2 x 6.9	362-64105-0	\$79	142015			
9.9B2 - 18C2	86 Thru	12' - 16' Bts. - All Loads	3	9.2 x 8.4	362-64102-0	\$79	142017			
12C, 15B, 15B2		10' - 14' Bts. - All Loads	3	9.2 x 9.8	362-64108-0	\$79	142019			
25C/30A HP	84-86	16' - 20' Bts. - All Loads	3	10.2 x 8.3	346-64106-5	\$89	142020			
25C2/30A2 HP	86-88	14' - 18' Bts. - All Loads	3	9.8 x 10.2	346-64102-5	\$89	142022			
25C2/30A3 HP	88 Thru	12' - 16' Bts. - All Loads	3	9.9 x 13.1	346-64104-5	\$89	142024			
40C/35B HP	84 Thru	21'-17' Bts.-All Loads	3	10.6 x 11.3	361-64113-0	\$94	142001			
40D/50D HP	90 Thru	17'-16' Bts.-All Loads	3	10.6 x 11.7	361-64114-0	\$94	142002			
		16'-14' Bts.-All Loads	3	10.3 x 12.7	348-64102-0	\$94	142003			
		14'-12' Bts.-All Loads	3	10.2 x 13.9	348-64103-0	\$94	142004			
55B/70A HP	84-86	Cruisers, Houseboats	3	11.6 x 11	353-64103-0	\$99	142005			
50C/60A/70A2	87 Thru	18'-15' Bts.-All Loads, Skis	3	11.5 x 13	353-64105-0	\$99	142006			
50A, 55A		18'-15' Bts.-All Loads, Skis	3	12 1/2 x 13				\$274	013024	
		17'-14' Bts.-All Loads, Skis	3	11 x 15	353-64107-0	\$99	142007			
		17'-14' Bts.-All Loads, Skis	3	12 1/4 x 15				SSO 315C	\$274	013010
		15'-13' Bts.-All Loads, Skis	3	10.7 x 16.4	353-64108-0	\$99	142008			
		15'-13' Bts.-All Loads, Skis	3	11 3/4 x 17				\$274	013026	
		14'-12' Bts.-All Loads, Skis	3	10.9 x 17.6	353-64109-0	\$99	142009			
		14'-12' Bts.-All Loads, Skis	3	11 1/4 x 19				\$274	013032	
90 HP	87 Thru	24'-20' Bts.-All Loads, Skis	3	13.5 x 14.6	3B7-64532-0	\$119	142010			
120**, 140**	90 Thru	24'-20' Bts.-All Loads, Skis	3	13 3/4 x 15				SSY615 IIC	\$374	103025
		19'-17' Bts.-All Loads, Skis	3	13.5 x 15.7	3B7-64536-0	\$119	142011			
** (Tohatsu only)		19'-17' Bts.-All Loads, Skis	3	13 1/4 x 17				SSY617 IIC	\$374	103026
		18'-16' Bts.-All Loads, Skis	3	12.9 x 17.6	3B7-64541-0	\$119	142012			
		18'-16' Bts.-All Loads, Skis	3	13 x 19				SSY619 IIC	\$374	103027
		18'-15' Bts.-All Loads, Skis	3	12.6 x 19.9	3B7-64545-0	\$119	142013			
		18'-15' Bts.-All Loads, Skis	3	12 3/4 x 21				SSY621 IIC	\$374	103028

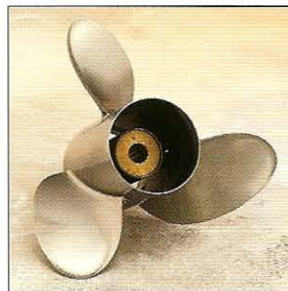
Motor & Model	Year	Boat Size & Recommendation	Blids.	Dia. & Pitch	ALUMINUM			STAINLESS STEEL				
					Nearest Suzuki Equiv.	Price	Michigan Part No.	Nearest Suzuki Equiv.	Price	Michigan Part No.		
DT 9.9	76-78	Light Runabouts - Light Loads	3	8 3/4 x 10		PS 7	\$60	062005				
DT 16	76-78	16'-14' Bts. - All Loads	3	8 3/4 x 9		PS 6	\$60	062004				
DT 20	76-78											
DT 25	76-78											
DT9.9	83-87	14'-20' Bts. - All Loads	3	9- 1/4 x 7	58100-93703-019		\$66	062015				
DT15	83-88	14'-18' Bts. - All Loads	3	9- 1/4 x 9	58100-93723-019		\$66	062016				
DT15C	89 Thru	14'-16' Bts. - All Loads	3	9- 1/4 x 11	58100-93743-019		\$66	062017				
DT20, 25 •	83-86	18'-16' Bts. - All Loads	3	10-1/4 x 11	58100-96420-019		\$69	062012				
DT 20, 25	87-88	16'-14' Bts. - All Loads	3	10-1/4 x 12	58100-96430-019		\$69	062013				
DT 25C	89 Thru											
DT 30 •	83-86											
DT 30/30C	87-88	16'-14' Bts. - Light Loads	3	10-1/4 x 13	58100-96440-019		\$69	062014				
DT 30C	89 Thru											
DT 40	83Thru	21'-18' Bts. - All Loads	3	10 1/4 x 10		PM 530	\$105	032045				
DT 50 & 50M	83-84	19'-17' Bts. - Light Loads	3	12 x 11		PM 527	\$105	032044				
DT 55	85Thru	18'-16' Bts. - Light Loads	3	11-3/4 x 12	58100-95393-019	PM 524	\$105	032043				
DT 60	83-84	17'-15' Bts. - Light Loads	3	11-1/2 x 13	58100-94313-019	PM 521	\$105	032042				
DT 65	85 Thru	16'-14' Bts. - Light Loads	3	11-1/4 x 14	58100-95353-019	PM 518	\$105	032041				
DT 35C	87-90	15'-13' Bts. - Light Loads	3	11 x 15	58100-95363-019	PM 515	\$105	032040				
		14'-12' Bts. - Light Loads	3	10-3/4 x 16		PM 513	\$105	032039				
DT 75 t	83 Thru	19'-17' Bts. - All Loads, Skis	3	13-3/4 x 15	58100-95500-019		\$113	*061001	58100-94554	\$349	063001	
DT 85 t	79 Thru	18'-15' Bts. - All Loads, Skis	3	13-1/4 x 17	58100-95511-019		\$113	*061002	58100-94581	\$349	063002	
DT 90 ‡	89 Thru	16'-14' Bts. - All Loads, Skis	3	13 x 19	58100-95521-019		\$113	*061003	58100-94561	\$349	063003	
DT 100 ‡	89 Thru	16'-14' Bts. - Light Loads	3	13 x 21	58100-95530-019		\$113	*061004	58100-94571	\$349	063004	
DT 115 ‡	81 Thru											
DT 140 t	81 Thru	14'-12' Bts. - Light Loads	3	12-1/2 x 23			\$113	*061005				
DT 150 V-6	86 Thru	19'-17' Bts. - All Loads, Skis	3	14-1/2 x 15						\$399	063005	
DT 175 V-6	86 Thru	18'-15' Bts. - All Loads, Skis	3	14-1/2 x 17						\$399	063006	
DT 200 V-6	86 Thru	16'-14' Bts. - All Loads, Skis	3	14 x 19						\$399	063007	
DT 225 V-6	90 Thru	16'-14' Bts. - Light Loads	3	13-3/4 x 21						\$399	063008	
		14'-12' Bts. - Light Loads	3	13-1/2 x 23						\$399	063010	
High Performance Propellers	42-52		3	14 1/4 x 20					99105-00200-20P	\$423	063022	
	46-57		3	14 1/4 x 22					99105-00200-22P	\$423	063024	
	50-63		3	14 1/4 x 24					99105-00200-24P	\$423	063026	
	54-70		3	14 1/4 x 26					99105-00200-26P	\$423	063028	
	50-62	Hole Shot 4-Blade Propellers	4	13 3/4 x 22						\$477	063016	
	55-67		4	13 3/4 x 24						\$477	063018	
	60-72		4	13 3/4 x 26						\$477	063020	

† Requires; ‡ 57633-95501 Spacer, † 57635-95503 Stopper, † 57635-95300 Lock Washer Supplied With Engine.
 *If currently using uncupped prop, use cupped prop having 2" less pitch. Boats with power trim use same pitch.
 • Use stopper 57632-96400.

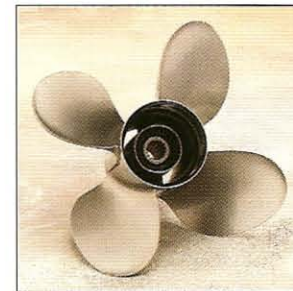
‡ Stopper 57632-87E10., 5733-95501 Spacer, 57635-95300 Washer



Suzuki 9.9-15 HP
Aluminum



Suzuki 150-225 HP
Stainless Steel



Suzuki V-6
4 Blade Stainless Steel

VOLVO-PENTA, ARCHIMEDES

Motor & Model	Year	Boat Size & Recommendation	Blids.	Dia. & Pitch	ALUMINUM			STAINLESS STEEL	
					Price	Michigan Part No.	Price	Michigan Part No.	
450-550-600-700	All Years	Cruisers, Houseboats	4	14 x 10	DQ320	\$148	012074		
		Cruisers, Houseboats	3	14 x 11	PJ87	\$100	012047		
	19'-17' Bts. - All Loads, Skis	4	14 x 12	DQ328	\$148	012075			
	17'-16' Bts. - All Loads, Skis	3	13-3/4 x 15	PJ80	\$100	012049			
	17'-16' Bts. - All Loads, Skis	3	13-3/4 x 15	*PJ89C	\$105	011002	\$335	013028	
	16'-14' Bts. - All Loads, Skis	3	13-1/4 x 17	PJ81	\$100	012050			
	16'-14' Bts. - All Loads, Skis	3	13-1/4 x 17	*PJ90C	\$105	011003	\$335	013030	
	14'-12' Bts. - Heavy Loads	3	13 x 19	PJ82	\$100	012051			
	14'-12' Bts. - Heavy Loads	3	13 x 19	*PJ91C	\$105	011004	\$335	013033	
	Light Runabouts - Light Loads	3	13 x 21	*PJ83C	\$105	011005	\$335	013034	
60-90-140-200-250-252	All Years	Sailboats	3	9-1/4 x 7	SMC39	\$59	012102		
		17'-16' Bts. - All Loads, Skis	4	9 x 9	AMC448	\$86	012072		
		Weedless	3	9 x 10	EWC19	\$57	012076		
		Standard Replacement	3	9 x 10	PJ16	\$48	012011		
		17'-16' Bts. - All Loads, Skis	3	8-3/4 x 11	PR20	\$57	012079		
		16'-14' Bts. - All Loads, Skis	3	8-3/4 x 12	PR22	\$57	012080		

*If currently using uncupped prop, use cupped prop having 2" less pitch. Boats with power trim use same pitch.

Motor & Model	Year	Boat Size & Recommendation	Blds.	Dia. & Pitch	ALUMINUM			STAINLESS STEEL			
					Price	Michigan Part No.	Price	Michigan Part No.			
BF 7.5	78-87	Sailboats	3	9 1/4 x 7	SMC39	\$59	012102				
BF 100		16'-14' Bts.	3	9 x 8	PJ21	\$48	012014				
BF 8	87 Thru	16'-14' Bts. - Weedless	3	9 x 8	PJ9	\$49	012006				
		16'-14' Bts. - Light Loads	3	9 x 9	PJ19	\$48	012109				
		14'-12' Bts.	3	9 x 10	PJ16	\$48	012011				
		14'-12' Bts - Weedless	3	9 x 10	EWC19	\$57	012076				
BF 9.9	88 Thru	13'-17' Bts. - All Loads	3	9-1/4 x 8		\$58	102003				
BF 15		12'-15' Bts. - All Loads	3	9-1/4 x 9		\$58	102004				
		12'-15' Bts. - Light Loads	3	9-1/4 x 10-1/2		\$58	102005				
BF 35	91 Thru	21'-19' Bts. - All Loads, Skis	3	12 1/4 x 10	58130-ZV5-860	PM530	\$105	032045			
BF 45	91 Thru	19'-17' Bts. - All Loads, Skis	3	12 x 11		PM527	\$105	032044			
		17'-16' Bts. - All Loads, Skis	3	11 3/4 x 12	58130-ZV5-850	PM524	\$105	032043			
		17'-15' Bts. - All Loads, Skis	3	11 1/2 x 13	58130-ZV5-000	PM521	\$105	032042			
		16'-14' Bts. - All Loads, Skis	3	11 1/4 x 14		PM518	\$105	032041			
		15'-13' Bts. - All Loads, Skis	3	11 x 15	58130-ZV5-870	PM515	\$105	032040			
		14'-12' Bts. - All Loads, Skis	3	10 3/4 x 16		PM513	\$105	032039			
		17'-14' Bts. - All Loads, Skis	3	10 5/8 x 12					Stainless Steel	\$304	113001
		16'-14' Bts. - All Loads, Skis	3	10 1/4 x 14					Stainless Steel	\$304	113002

SEARS, ELGIN, ESKA

Motor & Model	Year	Boat Size & Recommendation	Blds.	Dia. & Pitch	ALUMINUM		
					Price	Michigan Part No.	
4 HP	60-69	Standard Replacement	2	7 3/8 x 6	SA10	\$59	152030
3, 3.5, 3.6, 4, 4.5	70-73	Standard Replacement	2	7 1/2 x 4 1/2	G20(LH)	\$42	072017
5 HP (Sears)	88 Thru	Standard Replacement	3	7 1/4 x 5 1/2	PC112	\$53	072123
		16'-14' Bts.-Light Loads	2	7 x 6 1/4	PC90	\$48	072126
5-51/2-7-71/2 HP	60-73	Standard Replacement	2	7 1/2 x 5 1/2	G30(LH)	\$71	152014
71/2 HP (Sears)	88 Thru	14'-12' Bts.-Light Loads	3	8 x 9	PC28	\$55	072122
9.9-15 HP (Sears)	87 Thru	Standard Replacement	2	8 x 8 3/4	PC12	\$49	072024
		Standard Replacement	3	8 1/8 x 8 1/4	PC20	\$49	072026
		16'-14' Bts.-Light Loads	3	8 1/4 x 6	PC24	\$55	072121
		Aux.-Work Boats	3	8 1/4 x 4 1/2	PC26	\$55	072125
12-14 HP	60-70	Standard Replacement	3	8 1/4 x 8 1/2	AMC535(LH)	\$89	152003
40-45 HP	59-70	16'-14' Bts.-All Loads, Skis	3	10 x 12	PS40	\$99	152021

WARD'S SEA KING

Motor & Model	Year	Boat Size & Recommendation	Blds.	Dia. & Pitch	ALUMINUM		
					Price	Michigan Part No.	
2, 3-1/2, 4.5-5 HP	70-78	Standard Replacement	2	7 x 4-1/2	C15(LH)	\$69	152011
3-1/2 HP	64-69	Standard Replacement	2	7-1/2 x 4-1/2	G20(LH)	\$42	072017
5-6 HP	64-70	Standard Replacement	2	7-1/2 x 7	GC54	\$84	072018
6 HP	71-80	Standard Replacement	2	8 x 5	PC9	\$48	072022
7-1/2 HP Full Shift	77-78	Standard Replacement	3	8-1/4 x 8	PJ11	\$44	012008
8-9-9.2 HP	64-69	Standard Replacement	2	8 x 8	GC55	\$84	072019
9.6-9.9-10 HP	70 Thru	Standard Replacement	2	8-1/4 x 8-1/4	PC12	\$49	072024
		16'-14' Bts. - All Loads, Skis	2	8-1/4 x 8	PC10	\$49	072023
15 HP	74-82	Standard Replacement	3	8-1/8 x 8-1/4	PC20	\$49	072026
20-25 HP	68-78	Standard Replacement	3	8-1/2 x 8-1/2	AMC490	\$88	152002
		Splined Shaft	3	8-1/2 x 10	PR8	\$87	072028
35-45-50-55 HP	66 Thru	Cruisers, Houseboats, Sailboats	3	10-3/8 x 10	AMC308	\$74	072014
		19'-17' Bts. - All Loads, Skis	3	10-3/8 x 11 1/2		\$76	072131
		17'-16' Bts. - All Loads, Skis	3	10-3/8 x 12 1/2		\$76	072132
		16'-14' Bts. - Light Loads	3	10-3/8 x 13 1/2		\$76	072133
		16'-14' Bts. - Light Loads	3	10-3/8 x 14 1/2		\$76	072134
		Light Runabouts - Light Loads	3	10-1/2 x 15		\$76	072124
80 HP	64-69	17'-16' Bts. - All Loads, Skis	3	12-1/8 x 14	PJ50	\$83	012033

Motor & Model	Year	Boat Size & Recommendation	Blids.	Dia. & Pitch	ALUMINUM			STAINLESS STEEL					
					Nearest Yamaha Equiv.	Price	Michigan Part No.	Nearest Yamaha Equiv.	Price	Michigan Part No.			
6 HP	86 Thru	General Usage	3	8-1/2 x 6-1/2	6G1-45947-00-EL	\$58	102001						
8 HP	84 Thru	General Usage	3	8-1/2 x 7-1/2	6G1-45943-00-EL	\$58	102002						
8 HP	76-83	24'-20' Bts. - Sailboats	3	8-1/4 x 6-1/2	SMC12	\$57	012100						
		16'-14' Bts. - All Loads, Skis	3	8-1/4 x 8		PJ11	\$44	012008					
		16'-14' Bts. - Light Loads	3	8-1/4 x 9		SMC18	\$48	012101					
9.9 HP	84 Thru	13'-17' Bts. - Heavy Loads	3	9-1/4 x 8	683-45947-00-EL	\$58	102003						
15 HP	84 Thru	12'-15' Bts. - All Loads	3	9-1/4 x 9	683-45945-00-EL	\$58	102004						
		12'-15' Bts. - All Loads	3	9-1/4 x 10 1/2	683-45943-00-EL	\$58	102005						
15A & W15 HP	76-83	Houseboats, Sailboats	3	9-1/4 x 7	650-45943-01-36	SMC39	\$59	012102					
20 HP	76-78	14'-12' Bts. - Heavy Loads	3	9 x 10	651-45947-00-36	PJ16	\$48	012011					
25 HP	77-79	14'-12' Bts. - Light Loads	3	9-1/4 x 11	653-45941-01-36	PJ18	\$48	012013					
		14'-12' Bts. - All Loads, Skis	3	9-1/4 x 12		PJ15	\$48	012010					
25-CV25 HP	80 Thru	18'-16' Bts. - All Loads, Skis	3	9-7/8 x 9	664-45941-01-EL	PM39	\$84	022001					
28 HP	76-78	17'-14' Bts. - All Loads, Skis	3	9-7/8 x 10-1/2	664-45945-00-EL	PM40	\$84	022002					
30-CV30 HP	79 Thru	16'-13' Bts. - Light Loads	3	9-3/8 x 12		PM42	\$84	022003					
W40 HP For Non "Thru-Prop" Exhaust	77-83	20'-18' Bts. - All Loads	3	11-3/4 x 8-3/4		PM62	\$104	022006					
		17'-16' Bts. - All Loads, Skis	3	11-3/4 x 10		PM61	\$104	022005					
40-50 HP	84 Thru	22'-19' Bts. - Light Loads	3	12-1/4 x 10		PM530	\$105	032045					
55-60 HP	76-81	19'-17' Bts. - All Loads, Skis	3	12 x 11	663-45947-02-EL	PM527	\$105	032044					
CV 40 - CV 50	91 Thru	18'-15' Bts. - All Loads, Skis	3	11-3/4 x 12	6H5-45952-00-EL	PM524	\$105	032043					
PRO 50	91 Thru	17'-16' Bts. - All Loads, Skis	3	11-1/2 x 13	6H5-45945-00-EL	PM521	\$105	032042					
PRO 60	91 Thru	16'-14' Bts. - Light Loads	3	11-1/4 x 14	663-45958-01-EL	PM518	\$105	032041					
C55	92 Thru	15'-13' Bts. - Light Loads	3	11 x 15	6H5-45943-00-EL	PM515	\$105	032040					
		14'-12' Bts. - Light Loads	3	10-3/4 x 16	663-45949-01-EL	PM513	\$105	032039					
80 HP	1977	24'-20' Bts.	3	13 x 13		PR153	\$111	032090					
		22'-19' Bts. - All Loads	3	13 x 15		PR155	\$111	032091					
		22'-19' Bts. - All Loads, Skis	3	13 x 15		PR155C	\$119	031001					
		22'-19' Bts. - All Loads, Skis	3	13-3/4 x 15						SSM615IIC	\$361 033016		
		19'-17' Bts. - All Loads, Skis	3	13 x 17		PR157	\$111	032092					
		19'-17' Bts. - All Loads, Skis	3	13 x 17		PR157C	\$119	031002					
		19'-17' Bts. - All Loads, Skis	3	13-1/4 x 17						SSM617IIC	\$361 033017		
		18'-15' Bts. - All Loads, Skis	3	13 x 19		PR159	\$111	032093					
		18'-15' Bts. - All Loads, Skis	3	13 x 19		PR159C	\$119	031003			SSM619IIC	\$361 033018	
		17'-16' Bts. - All Loads, Skis	3	13 x 21		PR161	\$111	032094					
		17'-16' Bts. - All Loads, Skis	3	13 x 21		PR161C	\$119	031004			SSM621IIC	\$361 033019	
		80-90-115 140 HP	78-83 78-79	24'-20' Bts. - All Loads, Skis	3	13-3/4 x 15		PM315C	\$118	031041		SSM615IIC	\$361 033016
19'-17' Bts. - All Loads, Skis	3			13-1/4 x 17		PM317C	\$118	031042			SSM617IIC	\$361 033017	
18'-16' Bts. - All Loads, Skis	3			13 x 19		PM319C	\$118	031043			SSM619IIC	\$361 033018	
18'-15' Bts. - All Loads, Skis	3			12-3/4 x 21		PM321C	\$118	031044			SSM621IIC	\$361 033019	
16'-14' Bts. - All Loads, Skis	3			12-1/2 x 23		PM323C	\$118	031045					
70-90-115-130 HP CV 85 C85	84 Thru 91 Thru 92 Thru	24'-20' Bts. - All Loads, Skis	3	13-3/4 x 15	6E5-45947-00-EL	PY315C	\$113	101001		SSY615IIC	\$374 103025		
		19'-17' Bts. - All Loads, Skis	3	13-1/4 x 17	6E5-45945-00-EL	PY317C	\$113	101003	688-45930-01-98	SSY617IIC	\$374 103026		
		18'-16' Bts. - All Loads, Skis	3	13 x 19	6E5-45941-00-EL	PY319C	\$113	101005	688-45970-03-98	SSY619IIC	\$374 103027		
		18'-15' Bts. - All Loads, Skis	3	12-3/4 x 21	6E5-45943-00-EL	PY321C	\$113	101007	688-45972-02-98	SSY621IIC	\$374 103028		
		16'-14' Bts. - All Loads, Skis	3	12-1/2 x 23	6E5-45952-00-EL	PY323C	\$113	101009					
150-200 HP 175 HP V-6	79-83 78-79	Cruisers, Houseboats	3	16 x 11		PM211C	\$136	031021					
		Cruisers, Houseboats	3	16 x 13		PM213C	\$136	031022					
		20'-24' Bts. - All Loads, Skis	3	15-1/4 x 15		PM215C	\$136	031023					
		20'-22' Bts. - All Loads, Skis	3	14-1/2 x 15							SSM 245C	\$407 033002-1	
		19'-21' Bts. - All Loads, Skis	3	14-1/2 x 17		PM217C	\$136	031024			SSM 247C	\$407 033003-1	
		18'-20' Bts. - All Loads, Skis	3	14 x 19		PM219C	\$136	031025			SSM 249C	\$407 033004-1	
		18'-19' Bts. - All Loads, Skis	3	13-3/4 x 21		PM221C	\$136	031026			SSM 251C	\$407 033005-1	
		17'-19' Bts. - All Loads, Skis	3	13-1/2 x 23		PM223	\$136	031027			SSM 253C	\$407 033006-1	
V-6 150 HP 175 HP 200 HP V-6 Special PRO V, EXCEL	84 Thru 84 Thru 84 Thru 84-85 86 Thru	20'-22' Bts. - All Loads, Skis	3	15-1/4 x 15	6G5-45941-00-98	PY415C	\$130	101010					
		19'-21' Bts. - All Loads, Skis	3	14-1/2 x 17	6G5-45947-01-98	PY417C	\$130	101011	6G5-45978-01-98	SSY717C	\$411 103018		
		18'-20' Bts. - All Loads, Skis	3	14 x 19	6G5-45945-01-98	PY419C	\$130	101012	6G5-45974-01-98	SSY719C	\$411 103020		
		18'-19' Bts. - All Loads, Skis	3	13-3/4 x 21	6G5-45943-00-EL	PY421C	\$130	101013	6G5-45972-01-98	SSY721C	\$411 103022		
		225	89 Thru	17'-19' Bts. - All Loads, Skis	3	13-1/2 x 23	6G5-45949-00-98	PY423C	\$130	101014	6G5-45976-01-98	SSY723C	\$411 103024
		250	90 Thru										

("Heavy-Duty Special" Hard to Plane Boats)

Model	Year	Boat Size (MPH)	Mat'l.	Blids.	Dia. & Pitch	Price	Michigan Part No.
V-6 150 HP	84 Thru	32'+ Twin (35-45)	S.S.	3	15 1/4 x 17 (LH)	\$447	103001
175 HP	84 Thru		S.S.	3	15 1/4 x 17 (RH)	\$447	103002
200 HP	84 Thru		S.S.	3	15 x 19 (LH)	\$447	103003
V-6 Special	84-85	28'-24' Twin (40-48)	S.S.	3	15 x 19 (RH)	\$447	103004
PRO V, EXCEL	86 Thru		S.S.	3	14 1/2 x 21 (LH)	\$447	103005
225	89 Thru	24'-22' Twin (45-53)	S.S.	3	14 1/2 x 21 (RH)	\$447	103006
250	90 Thru		S.S.	3		\$447	

(Counter-Rotating)

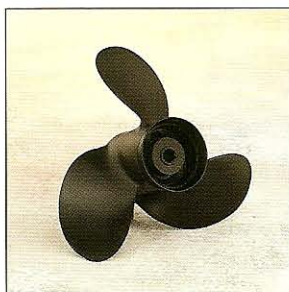
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edge II™ (High Performance Propellers)

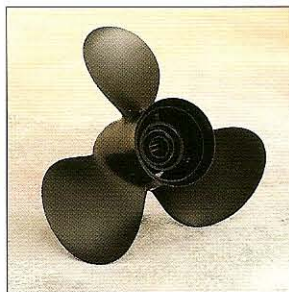
Model	Year	Boat Speed (MPH)	Nearest Equiv. Part No.	Mat'l.	Blades	Dia. & Pitch	Price	Michigan Part No.
V-6 Outboards	84 Thru	42-52	6E5-45970-10-00	S.S.	3	14 1/4 x 20	\$447	103036
		45-55	6E5-45976-10-00	S.S.	3	14 1/4 x 22	\$447	103038
		50-60	6E5-45972-10-00	S.S.	3	14 1/4 x 24	\$447	103040
		54-66	6E5-45978-10-00	S.S.	3	14 1/4 x 26	\$447	103042
V-6 Special	84 Thru	44-54	6E5-45970-10-00	S.S.	3	14 1/4 x 20	\$447	103036
		52-63	6E5-45976-10-00	S.S.	3	14 1/4 x 22	\$447	103038
		67-68	6E5-45972-10-00	S.S.	3	14 1/4 x 24	\$447	103040
		62-74	6E5-45978-10-00	S.S.	3	14 1/4 x 26	\$447	103042

High Performance Hole Shot 4-Blade Propellers

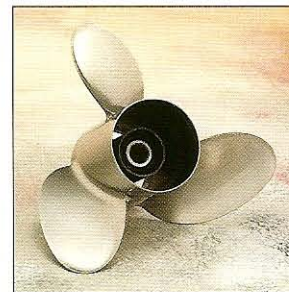
Model	Year	Boat Speed (MPH)	Nearest Equiv. Part No.	Mat'l.	Blades	Dia. & Pitch	Price	Michigan Part No.
V-6 150HP	84 Thru	50-62		S.S.	4	13 3/4 x 22	\$477	103030
175 HP	84 Thru	55-67		S.S.	4	13 3/4 x 24	\$477	103032
200 HP	84 Thru			S.S.	4	13 3/4 x 26	\$477	103034
V-6 Special	84-85	60-72		S.S.	4	13 3/4 x 26	\$477	103034
PRO V, EXCEL	86 Thru							
225	89 Thru							
250	90 Thru							



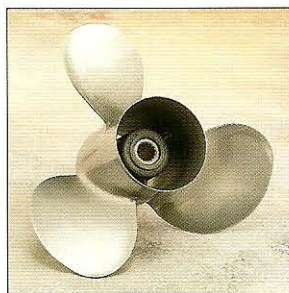
Yamaha 9.9-15 HP
Aluminum



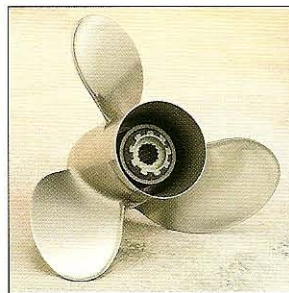
Yamaha 40-50 HP
Aluminum



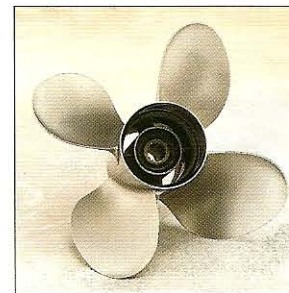
Yamaha Edge II
High Performance Stainless Steel



Yamaha V-6
Stainless Steel



Yamaha 70-140 HP
Stainless Steel



Yamaha 4 Blade
Stainless Steel




MISCELLANEOUS

Motor & Model	Year	Boat Size & Recommendation	Blds.	Dia. & Pitch	Price	Michigan Part No.
McCulloch, Scott, Aero						
3 1/2 - 4 HP	46-73	Standard Replacement	2	7 3/8 x 6	SA10 \$59	152030
12 - 14.1 HP	60-73	Standard Replacement	3	8 1/4 x 8 1/2	AMC535(LH) \$89	152003
40-43.7-45 HP	59-69	16'-14' Bts.-All Loads, Skis	3	10 x 12	PS40 \$99	152021

Motor & Model	Year	Blds.	Dia & Pitch	Mtl.	Price	Michigan Part No.	Motor & Model	Year	Blds.	Dia & Pitch	Mtl.	Price	Michigan Part No.	
CLINTON							WESTBEND-WIZARD (CHRYSLER)							
3-3 1/2-4-5 HP	60-78	C15(LH)2	7 x 4 1/2	Al.	\$69	152011	5-5 1/2-6 HP	47-48	G40(LH)	2	7 1/2 x 7 1/2	Al.	\$59	152015
7.5,9,9.9 HP	73-78	PJ11	3 8 1/4 x 8	Al.	\$44	012008	7 1/2-8 HP	49-55	G50(LH)	2	7 1/2 x 8 1/2	Al.	\$59	152017
ELGIN														
5-5 1/2-6 HP	47-55	G40(LH)2	7 1/2 x 7 1/2	Al.	\$59	152015								
5 1/2 HP	56-59	GC54	2 7 1/2 x 7	Al.	\$84	072018								
7 1/2 HP	49-55	G50(LH)2	7 1/2 x 8 1/2	Al.	\$59	152017								
7 1/2 HP	56-59	GC55	2 8 x 8	Al.	\$84	072019								

Motor-Model-Ratio	Year	Boat Size & Speed (MPH)	OMC Equiv.	Mat'l.	Blds.	Dia. & Pitch	Price	Michigan Part No.
2.3 Litre (120 HP) 400 1.71:1	78-84	Workboat (6-16)	382761	PJ87	Alum.	3 14 x 11	\$100	012047
2.5 Litre (120 HP) 400 (In Line 4) 1.71:1		Houseboats, Lt. Cruisers (14-26)	391668	PJ88C	Alum.	3 14 x 13	\$105	011001
3.0 Litre (140 HP) 400 1.71:1	78-84	22'-19' (24-37)	391198	PJ89C	Alum.	3 13-3/4 x 15	\$105	011002
3.0 Litre (140 HP) 400 (In Line 4) 1.71:1		88 Thru	22'-19' (24-37)	389949	SST II®	S.S.	3 13-3/4 x 15	\$335
2.3 Litre (128 HP) Cobra (In Line 4) 2.01	85-87	20'-17' (30-405)	391199	PJ90C	Alum.	3 13-1/4 x 17	\$105	011003
2.5 Litre (120 HP) Cobra (In Line 4) 1.71:1	85-87	20'-17' (30-45)	389948	SST II®	S.S.	3 13-3/8 x 17	\$335	013030
3.0 Litre (140 HP) Cobra (In Line 4) 1.71:1		88-89	19'-16' (36-50)	390896	PJ91C	Alum.	3 13 x 19	\$105
3.0 Litre (130 HP) Cobra (In Line 4) 1.86:1	88-89	19'-16' (38-50)	389510	SST II®	S.S.	3 13 x 19	\$335	013033
		18'-15' (41-53)	389788	PJ83C	Alum.	3 13 x 21	\$105	011005
		18'-15' (42-55)	389512	SST II®	S.S.	3 13 x 21	\$335	013034
		High Perf. (44-52)	394758	Raker™	S.S.	3 13 1/4 x 17	\$399	013027
		High Perf. (48-58)	394759	Raker™	S.S.	3 13 1/4 x 19	\$399	013029
		High Perf. (54-65)	394760	Raker™	S.S.	3 13 1/4 x 21	\$399	013031

OMC COBRA™ /MODEL 800

Motor-Model-Ratio	Year	Boat Size & Speed (MPH)	RH	LH*	Mat'l.	Blds.	Dia. & Pitch	Price	RH	LH*
			OMC Equiv.	OMC Equiv.					Part No.	Part No.
3.0 Litre (130-150 HP) Cobra 1.86:1	90 Thru	Non-Plane Hvy. Cruisers			PJ199C	Alum.	3 15-1/2 x 10	\$180	011015	
3.8 Litre (185-170HP) 800 V-6 1.77:1	80-84	Non-Plane Hvy. Cruisers	387158		PJ200	Alum.	3 15-1/2 x 13	\$123	012059	
5.0 Litre (185HP) 1.59:1	89 Thru	Non-Plane Hvy. Cruisers	391536		PJ200C	Alum.	3 15-1/2 x 13	\$123	011016	
5.0 Litre (200HP) 800 V-8 1.50:1	80-84	26'-22' (22-32)	391535		PJ201C	Alum.	3 15-1/2 x 15	\$123	011006	
5.0 Litre H.O. (200HP) 1.59:1	89 Thru	24'-19' (28-35)	174926	174927	SST II®	S.S.	3 15 x 15	\$359	013052	013051
5.0 Litre (230HP) 800 V-8 1.50:1	80-84	24'-18' (30-39)	391200		PJ 202C	Alum.	3 15 x 17	\$123	011007	
5.8 Litre (235HP) Cobra V-8 1.41:1	89 Thru	24'-18' (30-39)	391290	431930	SST II®	S.S.	3 15 x 17	\$359	013044	013043
4.3 Litre (175HP) Cobra V-6 1.68:1	85 Thru	24'-18' (30-39)	391290		PJ203C	Alum.	3 14-1/2 x 19	\$123	011008	
4.3 Litre (205HP) Cobra V-6 1.68:1	85 Thru	20'-17' (36-44)	391201		PJ203C	Alum.	3 14-1/2 x 19	\$123	011008	
5.0 Litre (200HP) Cobra V-8 1.50:1	88	20'-17' (36-44)	389924	390821	SST II®	S.S.	3 14-1/2 x 19	\$359	013046	013045
5.0 Litre (230HP) Cobra V-8 1.50:1	85-88	19'-16' (40-49)	391202		PJ204C	Alum.	3 14-1/4 x 21	\$123	011009	
		19'-16' (40-49)	389923	390822	SST II®	S.S.	3 14-1/4 x 21	\$359	013048	013047
		20'-15' (45-56)	391203		PJ205C	Alum.	3 14-1/4 x 23	\$123	011010	
		20'-15' (45-56)	389019	390823	SST II®	S.S.	3 14-1/4 x 23	\$359	013050	013049
		45-57 MPH	394753	398502	Raker™	S.S.	3 14 1/4 x 20	\$439	013054	013055
		48-62 MPH	394754	398503	Raker™	S.S.	3 14 1/4 x 22	\$439	013056	013057
		52-66 MPH	394755	398504	Raker™	S.S.	3 14 1/4 x 24	\$439	013058	013059
		65+ MPH	394756	398505	Raker™	S.S.	3 14 1/4 x 26	\$439	013060	013061
		(All Thru-Hub Exhaust)Thrust Washer 333592								
		High-Performance..... Propellers								
										
3.8 Litre (170HP) 800 V-6 1.77:1	80-84	Heavy Cruisers (22-30)	391536		PJ200C	Alum.	3 15-1/2 x 13	\$123	011016	
3.8 Litre (185HP) 800 V-6 1.77:1	80-84	28'-24' (26-36)	391535		PJ201C	Alum.	3 15-1/2 x 15	\$123	011006	
5.0 Litre (185HP) 1.59:1	89 Thru	27'-20' (32-38)	174926	174927	SST II®	S.S.	3 15 x 15	\$359	013052	013051
5.0 Litre (200HP) 800 V-8 1.50:1	80-84	27'-20' (34-44)	391200		PJ202C	Alum.	3 15 x 17	\$123	011007	
5.0 Litre (230HP) 800 V-8 1.50:1	89 Thru	27'-20' (34-44)	391290	431930	SST II®	S.S.	3 15 x 17	\$359	013044	013043
5.8 Litre (235HP) 1.41:1	80-84	22'-17' (39-50)	391201		PJ203C	Alum.	3 14-1/2 x 19	\$123	011008	
4.3 Litre (175HP) Cobra V-6 1.68:1	89 Thru	22'-17' (39-50)	389924	390821	SST II®	S.S.	3 14-1/2 x 19	\$359	013046	013045
4.3 Litre (205HP) Cobra V-6 1.68:1	85 Thru	22'-17' (39-50)	391202		PJ204C	Alum.	3 14-1/4 x 21	\$123	011009	
5.0 Litre (200HP) Cobra V-8 1.50:1	85 Thru	20'-16' (44-57)	389923	390822	SST II®	S.S.	3 14-1/4 x 21	\$359	013048	013047
5.0 Litre (230HP) Cobra V-8 1.50:1	88	20'-16' (44-57)	391203		PJ205C	Alum.	3 14-1/4 x 23	\$123	011010	
		High Perf. (48-62)	389019	390823	SST II®	S.S.	3 14-1/4 x 23	\$359	013050	013049
		High Perf. (48-62)	394753	398502	Raker™	S.S.	3 14 1/4 x 20	\$439	013054	013055
		48-62 MPH	394754	398503	Raker™	S.S.	3 14 1/4 x 22	\$439	013056	013057
		52-66 MPH	394755	398504	Raker™	S.S.	3 14 1/4 x 24	\$439	013058	013059
		65+ MPH	394756	398505	Raker™	S.S.	3 14 1/4 x 26	\$439	013060	013061
		Thru Hub Exhaust								
		High-Performance..... Propellers								
										
5.7 Litre (260 HP) 800 V-8 1.41:1	78-84	Heavy Cruisers (25-32)	391536		PJ200C	Alum.	3 15-1/2 x 13	\$123	011016	
5.7-5.8 Litre (240-285 HP) Cobra V-8	85 Thru	28'-22' (30-37)	391535		PJ201C	Alum.	3 15-1/2 x 15	\$123	011006	
5.7 Litre (270 HP) King Cobra	88 Thru	26'-19' (33-39)	174926	174927	SST II®	S.S.	3 15 x 15	\$359	013052	013051
7.5 Litre (335-340 HP) King Cobra	87-90	26'-19' (35-46)	391200		PJ202C	Alum.	3 15 x 17	\$123	011007	
7.4 Litre (370 HP) King Cobra	90 Thru	26'-19' (35-46)	391290	431930	SST II®	S.S.	3 15 x 17	\$359	013044	013043
7.4 Litre (330 HP) King Cobra	92 Thru	24'-18' (40-52)	391201		PJ203C	Alum.	3 14-1/2 x 19	\$123	011008	
8.2 Litre (420 HP) Kingm Cobra	92 Thru	24'-18' (40-52)	389924	390821	SST II®	S.S.	3 14-1/2 x 19	\$359	013046	013045
		22'-17' (46-60)	391202		PJ204C	Alum.	3 14-1/4 x 21	\$123	011009	
		22'-17' (46-60)	389923	390822	SST II®	S.S.	3 14-1/4 x 21	\$359	013048	013047
		High Perf. (51-66)	391203		PJ205C	Alum.	3 14-1/4 x 23	\$123	011010	
		High Perf. (51-66)	389019	390823	SST II®	S.S.	3 14-1/4 x 23	\$359	013050	013049
		45-57 MPH	394753	398502	Raker™	S.S.	3 14 1/4 x 20	\$439	013054	013055
		48-62 MPH	394754	398503	Raker™	S.S.	3 14 1/4 x 22	\$439	013056	013057
		52-66 MPH	394755	398504	Raker™	S.S.	3 14 1/4 x 24	\$439	013058	013059
		65+ MPH	394756	398505	Raker™	S.S.	3 14 1/4 x 26	\$439	013060	013061
		High-Performance..... Propellers								
										
"Heavy-Duty Special"		32' + Twin (38-47)			SS0817C	S.S.	3 15-1/4 x 17	\$440	013015	013019
Hard to Plane Boats		28'-24' Single (38-47)			SS0817C	S.S.	3 15-1/4 x 17	\$440	013015	
Thru Hub Exhaust		28'-24' Twin (44-53)			SS0819C	S.S.	3 15 x 19	\$440	013016	013021
		24'-22' Single (44-53)			SS0819C	S.S.	3 15 x 19	\$440	013016	
		28'-24' Twin (50-58)			SS0821C	S.S.	3 14-1/2 x 21	\$440	013017	013023
		22'-20' Single (50-58)			SS0821C	S.S.	3 14-1/2 x 21	\$440	013017	

* For Twin Engine Installations, Increase pitch 4".

OMC SEA DRIVE ('82 THRU)

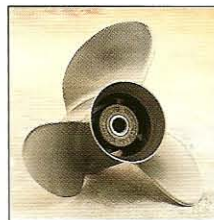
SEA DRIVE

Motor-Model-Ratio	Year	Boat Size & Speed (MPH)	RH	LH*	Mat'l.	Blids. Dia. & Pitch	Price	RH	LH*
			OMC Equiv.	OMC Equiv.				Part No.	Part No.
2.0 Litre 140 HP (V-4) 2.25:1	89 Thru	Barges, Houseboats(10-25)	391536		PJ200C	Alum.	3 15-1/2 x 13	\$123	011016
2.5 Litre 150 HP (V-6) 1.86:1	82-87	36'-32' Twin(24-34)	391535		PJ201C	Alum.	3 15-1/2 x 15	\$123	011006
2.6 Litre 205 HP (V-6) 1.86:1	82-87	36'-32' Twin(27-36)	174926	174927	SST II®	S.S.	3 15 x 15	\$359	013052 013051
2.6 Litre 190 HP (V-6) 1.86:1	87 Thru	27'-24' Single(30-40)	391200		PJ202C	Alum.	3 15 x 17	\$123	011007
2.7 Litre 225 HP (V-6) 1.86:1	87 Thru	33'-30' Twin(30-40)	391290	431930	SST II®	S.S.	3 15 x 17	\$359	013044 013043
3.0 Litre 225 HP (V-6) 1.86:1	89 Thru	24'-21' Single(36-47)	391201		PJ203C	Alum.	3 14-1/2 x 19	\$123	011008
3.6 Litre 275 HP (V-8) 1.77:1	87 Thru	30'-27' Twin(36-47)	389924	390821	SST II®	S.S.	3 14-1/2 x 19	\$359	013046 013045
4.0 Litre 300 HP (V-8)	89 Thru	22'-18' Single(42-54)	391202		PJ204C	Alum.	3 14-1/4 x 21	\$123	011009
		28'-25' Twin(42-54)	389923	390822	SST II®	S.S.	3 14-1/4 x 21	\$359	013048 013047
		25'-23' Twin(50-62)	391203		PJ205C	Alum.	3 14-1/4 x 23	\$123	011010
		25'-23' Twin(50-62)	389019	390823	SST II®	S.S.	3 14-1/4 x 23	\$359	013050 013049
"Heavy-Duty Special Applications" (Hard to Plane Boats)		32' + Twin(35-45)			SSO817C	S.S.	3 15-1/4 x 17(RH)	\$440	013015
						S.S.	3 15-1/4 x 17(LH)	\$440	013019
2.0 Litre 140 HP (V-4) 2.25:1	89 Thru	28'-24' Single(35-45)			SSO817C	S.S.	3 15-1/4 x 17(RH)	\$440	013015
2.5 Litre 150 HP (V-6) 1.86:1	82-87	28'-24' Twin(40-48)			SSO819C	S.S.	3 15 x 19(RH)	\$440	013016
2.6 Litre 205 HP (V-6) 1.86:1	82-87					S.S.	3 15 x 19(LH)	\$440	013021
2.6 Litre 190 HP (V-6) 1.86:1	87 Thru	24'-22' Single(40-48)			SSO819C	S.S.	3 15 x 19(RH)	\$440	013016
2.7 Litre 225 HP (V-6) 1.86:1	87 Thru	24'-22' Twin(45-53)			SSO821C	S.S.	3 14-1/2 x 21(RH)	\$440	013017
3.0 Litre 225 HP (V-6) 1.86:1	89 Thru					S.S.	3 14-1/2 x 21(LH)	\$440	013023
3.6 Litre 275 HP (V-8) 1.77:1	87 Thru				SSO821C	S.S.	3 14-1/2 x 21	\$440	013017
4.0 Litre 300 HP (V-8)		22'-20' Single(45-53)							
1.6 Litre 115 HP (V-4) 2:1	82 Thru	Barges, Houseboats(1-18)	382761		PJ87	Alum.	3 14 x 11	\$100	012047
1.8 Litre 140 HP (V-4) 2:1	87 Thru	26'+(14-28)	391668		PJ88C	Alum.	3 14 x 13	\$105	011001
		26'-22'(24-26)	391198		PJ89C	Alum.	3 13-3/4 x 15	\$105	011002
		26'-22'(24-36)	389949	SST II®		S.S.	3 13-3/4 x 15	\$335	013028
		22'-19'(30-42)	391199		PJ90C	Alum.	3 13-1/4 x 17	\$105	011003
		22'-19'(30-40)	389948	SST II®		S.S.	3 13-3/8 x 17	\$335	013030
		20'-17'(38-50)	390896		PJ91C	Alum.	3 13 x 19	\$105	011004
		20'-17'(38-50)	389510	SST II®		S.S.	3 13 x 19	\$335	013033
		18'-15'(44-56)	389788		PJ83C	Alum.	3 13 x 21	\$105	011005
		18'-15'(44-56)	389512	SST II®		S.S.	3 13 x 21	\$335	013034
		High Perf. (30-42)	394758	Raker™		S.S.	3 13 1/4 x 17	\$399	013027
		High Perf. (38-50)	394759	Raker™		S.S.	3 13 1/4 x 19	\$399	013029
		High Perf. (44-56)	394760	Raker™		S.S.	3 13 1/4 x 21	\$399	013031

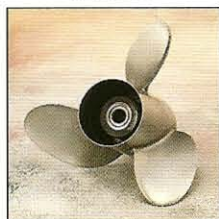
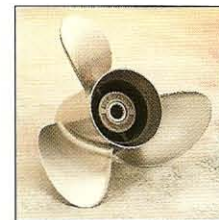
* For Twin Engine Installation, Increase Pitch 4".



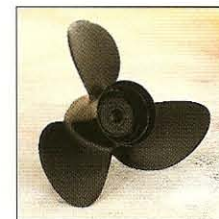
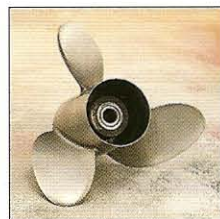
OMC Cobra/Sea Drive Aluminum



OMC Cobra/Sea Drive Stainless Steel RH & LH



OMC Cobra/Sea Drive High Performance Stainless Steel



OMC Cobra/Sea Drive Model 400 Aluminum

OMC SAILDRIVE

Right Hand Part No.	Dia. & Pitch	Blids.	Metal	Price	Michigan Part No.
PJ41	10-1/2 x 10	3	Alum.	\$57	012027

OUTBOARD MARINE (OMC) MODEL 14 LARGE GEAR CASE ('67-'77)

HP Range: 120 to 245. Recom.(For twin installations increase pitch 2")						
Right Hand Part No.	OMC Equiv. No. (RH Only)	Dia. & Pitch	Blids.	Metal	Price	Michigan Part No.
PR105	381442	13 x 14	3	Alum.	\$150	012087
PR115	382676	14 x 11	3	Alum.	\$150	012089
PR118	382017	14 x 12	3	Alum.	\$150	012090
PR120	381185	14 x 14	3	Alum.	\$150	012091
PR122	381186	14 x 16	3	Alum.	\$150	012092
PR124	381187	14 x 18	3	Alum.	\$150	012093
PR126	383287	14 x 20	3	Alum.	\$150	012094

OUTBOARD MARINE (OMC) 80-90 HP 2 CYCLE ('68) SMALL GEARCASE; MARINE DRIVE SYSTEMS/RANGER

Approx. HP	Boat Length				Price	Numeric
	Thru 17'	18'-21'	22'-25'	Houseboats, Barges		
80-90 HP	10 x 11	10-1/4 x 10	10-1/4 x 10	10-1/4 x 10		
110-120 HP	10 x 12	10 x 11	10 x 11	10-1/4 x 10		
OMC Equiv. No. Dia. & Pitch Blids. Metal Price Numeric						
PJ75	378040	10-1/4 x 10	3	Alum.	\$69	012043
PJ76	377978	10 x 11	3	Alum.	\$69	012044
PJ77	378039	10 x 12	3	Alum.	\$69	012045
PJ78	593437	9-1/2 x 10	3	Alum.	\$69	012046
*PJ73	381446	10 x 11	3	Alum.	\$69	012041
*PJ74	379260	10 x 9-1/4	3	Alum.	\$69	012042

* Small Hub Prop - uses special small nut - Part No. 302001 - \$14.00

MERCUISER ALPHA ONE™ / MERCUISER™ STERNDRIVE (BLACK MAX SERIES PROPS) (1983 THRU)

Motor-Model-Ratio	Year	Boat Size & Speed (MPH)	Nearest Merc Equiv.	Mat'l.	Blds.	Dia. & Pitch	Price	Michigan Part No.	
2.5 L (120 HP) Alpha One 1.98:1	86-89	Non-Plane Hvy. Cruisers	48-78112A40	PM211C	Alum.	3 16 x 11	\$136	031021	
3.0 L (125-140 HP) Alpha One 1.98:1	86 Thru	Non-Plane Hvy. Cruisers	48-78114A40	PM213C	Alum.	3 16 x 13	\$136	031022	
3.0 LX (145 HP) Alpha One 1.98:1	90 Thru	21'-26' (17-28)	48-16438A40		Alum.	16 x 14	\$136	031050	
3.7 L (165-170 HP) Alpha One 1.84:1	86-89	21'-26' (18-31)	48-16312A5	SSM245C	S.S.	3 14 1/2 x 15	\$407	033002-1	
3.7 LX (180-190 HP) Alpha One 1.84:1	86-89	21'-26' (18-31)	48-78116A40	PM215C	Alum.	3 15 1/4 x 15	\$136	031023	
120 (120 HP) Mercruiser 1.98:1	83-85	19'-23' (26-34)	48-16440A40		Alum.	16 x 16	\$136	031051	
140 (140 HP) Mercruiser 1.98:1	83-85	19'-23' (26-34)	48-16440A40		Alum.	16 x 16	\$136	031051	
170 (170 HP) Mercruiser 1.84:1	1985	19'-23' (27-37)	48-16314A5	SSM247C	S.S.	3 14 1/2 x 17	\$407	033003-1	
185 (185 HP) Mercruiser 1.84:1	1985	19'-23' (27-37)	48-78118A40	PM217C	Alum.	3 14 1/2 x 17	\$136	031024	
190 (190 HP) Mercruiser 1.84:1	1985	17'-21' (32-39)	48-11324A40		Alum.	15 1/2 x 18	\$136	031052	
470 (170 HP) Mercruiser 1.65:1/1.84:1	83-84	17'-21' (33-42)	48-16316A5	SSM249C	S.S.	3 14 x 19	\$407	033004-1	
488 (188 HP) Mercruiser 1.65:1/1.84:1	83-84	17'-21' (33-42)	48-78120A40	PM219C	Alum.	3 14 x 19	\$136	031025	
		Up to 19' (37-46)	48-16318A5	SSM251C	S.S.	3 13 3/4 x 21	\$407	033005-1	
		Up to 19' (37-46)	48-78122A40	PM221C	Alum.	3 13 3/4 x 21	\$136	031026	
		Up to 18' (40-50)	48-16320A5	SSM253C	S.S.	3 13 1/2 x 23	\$407	033006-1	
		Up to 18' (40-50)	48-78124A40	PM223C	Alum.	3 13 1/2 x 23	\$136	031027	
4.3 L (175-185 HP) Alpha One 1.84:1	86 Thru	Non-Plane Hvy. Cruisers	48-78112A40	PM211C	Alum.	3 16 x 11	\$136	031021	
4.3 LX (205 HP) Alpha One 1.84:1	86 Thru	Houseboats (8-26)	48-78114A40	PM213C	Alum.	3 16 x 13	\$136	031022	
5.0 L (200 HP) Alpha One 1.65:1	86 Thru	23'-27' (18-31)	48-16438A40		Alum.	3 16 x 14	\$136	031050	
5.0 LX (230 HP) Alpha One 1.5:1	86 Thru	23'-28' (19-38)	48-16312A5	SSM245C	S.S.	3 14 1/2 x 15	\$407	033002-1	
205 (205 HP) Mercruiser 1.65:1	1985	23'-28' (19-38)	48-78116A40	PM215C	Alum.	3 15 1/4 x 15	\$136	031023	
200 (200 HP) Mercruiser 1.65:1	1985	22'-26' (26-35)	48-16440A40		Alum.	3 16 x 16	\$136	031051	
230 (230 HP) Mercruiser 1.50:1	1985	21'-26' (29-45)	48-16314A5	SSM247C	S.S.	3 14 1/2 x 17	\$407	033003-1	
898 (198 HP) Mercruiser 1.50:1	83-84	21'-26' (29-45)	48-78118A40	PM217C	Alum.	3 14 1/2 x 17	\$136	031024	
228 (228 HP) Mercruiser 1.50:1	83-84	21'-26' (29-45)	48-78118A40	PM217C	Alum.	3 14 1/2 x 17	\$136	031024	
5.7 L (260 HP) Alpha One 1.5:1	86 Thru	21'-25' (34-42)	48-11324A40		Alum.	3 15 1/2 x 18	\$136	031052	
260 (260 HP) Mercruiser 1.32:1/1.50:1	83-85	19'-25' (35-49)	48-16316A5	SSM249C	S.S.	3 14 x 19	\$407	033004-1	
350 Magnum (270 HP) Alpha One 1.5:1	87 Thru	19'-25' (35-49)	48-78120A40	PM219C	Alum.	3 14 x 19	\$136	031025	
454 Magnum (330 HP) Alpha One 1.32:1	1987	17'-23' (41-56)	48-16318A5	SSM251C	S.S.	3 13 3/4 x 21	\$407	033005-1	
		17'-23' (41-56)	48-78122A40	PM221C	Alum.	3 13 3/4 x 21	\$136	031026	
		Up to 20' (47-62)	48-16320A5	SSM253C	S.S.	3 13 1/2 x 23	\$407	033006-1	
		Up to 20' (47-62)	48-78124A40	PM223C	Alum.	3 13 1/2 x 23	\$136	031027	
		47-55 MPH	48-16546A40	Laser II™	Edge II	S.S.	3 14 1/4 x 20	\$457	033060
		49-63 MPH	48-16548A40	Laser II™	Edge II	S.S.	3 14 1/4 x 22	\$457	033062
		56-65 MPH	48-16550A40	Laser II™	Edge II	S.S.	3 14 1/4 x 24	\$457	033064
		58-75 MPH	48-16552A40	Laser II™	Edge II	S.S.	3 14 1/4 x 26	\$457	033066
			48-16545A41	Laser II™ (LH)	Edge II	S.S.	3 14 1/4 x 20 (LH)	\$457	033061
			48-16547A41	Laser II™ (LH)	Edge II	S.S.	3 14 1/4 x 22 (LH)	\$457	033063
			48-16549A41	Laser II™ (LH)	Edge II	S.S.	3 14 1/4 x 24 (LH)	\$457	033065
			48-19709A40	Laser II™ (LH)	Edge II	S.S.	3 14 1/4 x 26 (LH)	\$457	033067
V-8 Thru 365 HP	83 Thru	30'+ (40-45)		SSM272C	S.S.	3 15 1/4 x 17(RH)	\$458	033020-1	
Twin Engine					S.S.	3 15 1/4 x 17(LH)	\$458	033023-1	
(365 HP Max.)		25'-30' (44-48)		SSM292C	S.S.	3 15 x 19(RH)	\$458	033021-1	
					S.S.	3 15 x 19(LH)	\$458	033025-1	
		22'-25' (48-55)		SSM312C	S.S.	3 14 1/2 x 21(RH)	\$458	033022-1	
					S.S.	3 14 1/2 x 21(LH)	\$458	033027-1	

*CAUTION: Standard Trim Tab is 31640A1; standard thrust washer 13171. Mercruiser I props (1982 and before) on this stern drive require thrust washer 56292A1. NOTE: (For twin engines increase pitch 4".)

MERCUISER BRAVO ONE™ / MAGNUM SERIES STERNDRIVE

THE WAVE™ High-Performance Propellers

Motor-Model	Year	Boat Size & Speed (MPH)	Nearest Merc Equiv.	Mat'l.	Blds.	Dia. & Pitch	Price	Michigan Part No.
350 Magnum*	87 Thru	22'-25' Bts.-All Loads, Skis	48-13700A41	Mirage™	S.S.	3 15-1/4 x 19	\$459	033030
		21'-23' Bts.-All Loads, Skis	48-13702A41	Mirage™	S.S.	3 14-3/4 x 21	\$459	033032
		Up to 22' Bts.-All Loads, Skis	48-13704A41	Mirage™	S.S.	3 14-5/8 x 23	\$459	033034
		Up to 22' Bts.-Light Loads	48-13706A41	Mirage™	S.S.	3 14-1/2 x 25	\$459	033036
7.4 Litre Bravo One	88 Thru	26'-30' Bts.-All Loads	48-13700A41	Mirage™	S.S.	3 15-1/4 x 19	\$459	033030
454 Magnum (Alpha One Drive)*	1987	24'-28' Bts.-All Loads, Skis	48-13702A41	Mirage™	S.S.	3 14-3/4 x 21	\$459	033032
454 Magnum	88 Thru	23'-26' Bts.-All Loads, Skis	48-13704A41	Mirage™	S.S.	3 14-5/8 x 23	\$459	033034
		20'-24' Bts.-All Loads, Skis	48-13706A41	Mirage™	S.S.	3 14-1/2 x 25	\$459	033036
502 Magnum	90 Thru	27'-33' Bts.-All Loads, Skis	48-13242A5	Mirage™	S.S.	3 15-1/4 x 19	\$476	033052
Solid Hub Propellers,		25'-29' Bts.-All Loads, Skis	48-13244A5	Mirage™	S.S.	3 14-3/4 x 21	\$476	033054
370 HP and Above		24'-27' Bts.-All Loads, Skis	48-13246A5	Mirage™	S.S.	3 14-5/8 x 23	\$476	033056
		21'-25' Bts.-All Loads, Skis	48-13248A5	Mirage™	S.S.	3 14-1/2 x 25	\$476	033058
Counter-Rotating (LH) Propellers			48-13701A41	Mirage™	S.S.	3 15-1/4 x 19	\$459	033029
Rubber Hub Insert Thru 370 HP			48-13703A41	Mirage™	S.S.	3 14-3/4 x 21	\$459	033031
			48-13705A41	Mirage™	S.S.	3 14-5/8 x 23	\$459	033033
			48-13707A41	Mirage™	S.S.	3 14-1/2 x 25	\$459	033035
Counter-Rotating (LH) Propellers			48-13241A5	Mirage™	S.S.	3 15-1/4 x 19	\$476	033051
Solid Hub, 370 HP and Above			48-13243A5	Mirage™	S.S.	3 14-3/4 x 21	\$476	033053
			48-13245A5	Mirage™	S.S.	3 14-5/8 x 23	\$476	033055
			48-13247A5	Mirage™	S.S.	3 14-1/2 x 25	\$476	033057

* These Propellers require the use of anodic plate (76214) in place of the standard trim tab. NOTE: All recommendations are based on single engine boats. For dual engines, add 4" in pitch.

Mercruiser™, Alpha One™, Bravo One™, Mirage™, Laser II™ are trademarks of the Brunswick Corporation.

Motor & Model	Year	Boat Size & Recommendation	Blds.	Dia. & Pitch	Nearest Yamaha Equiv.	ALUMINUM			STAINLESS STEEL		
						Price	Michigan Part No.	Nearest Yamaha Equiv.	Price	Michigan Part No.	
3.0 L (130 HP) EST/PSR	89 Thru	21'-26' Bts. (18-31) 19'-23' Bts. (27-37)	3	15-1/4 x 15	6G5-45941-00-98	PY415C	\$130	101010			
4.3 L (205 HP) EST/YEMS/PSR	89 Thru	17'-21' Bts. (33-42) Up to 19' (37-46) Up to 18' (40-50)	3	14 x 19	6G5-45945-01-98	PY419C	\$130	101012	6G5-45978-01-98	SSY717C	\$411 103018
5.0 L (205 HP) EST/PSR/YEMS	89 Thru	23'-28' Bts. (19-38) 21'-26' Bts. (29-45)	3	15-1/4 x 15	6G5-45941-00-98	PY415C	\$130	101010	6G5-45974-01-98	SSY719C	\$411 103020
5.7L (260HP) EST/PSR/YEMS	89 Thru	19'-25' Bts. (35-49) 17'-23' Bts. (41-56) Up to 20' (47-62)	3	14 x 19	6G5-45945-01-98	PY419C	\$130	101012	6G5-45972-01-98	SSY721C	\$411 103022
			3	13-3/4 x 21	6G5-45943-00-EL	PY421C	\$130	101013	6G5-45976-01-98	SSY723C	\$411 103024
			3	13-1/2 x 23	6G5-45949-00-98	PY423C	\$130	101014			

CHRYSLER DRIVE 90 MODEL 80,81; MUNCIE TURBOMARINE FLEXDRIVE NO. 302C, 501C,503, 700 & 900; MARINE DRIVE SYSTEMS MODEL 80, 81, 101, 111, 1011, 260TD1

CHRYSLER MODEL 300

HP Range: 105 to 270 HP. Recom.(For twin installations increase pitch 2")

	RH Part No.	Dia & Pitch	Blds.	Metal	Price
AMC128C	071010	15 x 15	3	Alum.	\$186
AMC152C	071021	16 x 17	3	Alum.	\$194

HP Range: 110 to 300. Recom. (For twin installations increase pitch 2")

LH Part No.	RH Part No.	Dia. & Pitch	Blds.	Metal	Price
SMC-765 072101		16 x 16	3	Alum.	\$253
	SMC-720 072088	16 x 15	3	Alum.	\$225
	SMC-760 072096	17 x 19	3	Alum.	\$253
	SMC-751 072098	17 x 17	3	Alum.	\$253
	SMC-769 072104	17 x 16	3	Alum.	\$253
	SMC-774 072106	17 x 12	3	Alum.	\$253
	SMC-802 032106	16 x 25	3	Alum.	\$225
SMC-807 032109		16-3/4 x 21	3	Alum.	\$225

BMW MODEL G-130-S, G-190-S, G-220-S (THRU 1982)

HP Range: 130-190-220 HP. Recom.(For twin installations increase pitch 2")

RH Part No.	LH Part No.	Dia & Pitch	Blds.	Metal	RH Part No.	LH Part No.	Price
SMC351	SMC350	14 x 23	3	Alum.	082036	082053	\$135

VOLVO-PENTA 100-110; EATON MODEL B; (PIN DRIVE)

VOLVO-PENTA 80, 100; EATON MODEL A; MUNCIE 300, 500, 501; PERKINS Z; ENFIELD TRANSA-DRIVE (SPLINED SHAFT 13/16" DIA.)

HP Range: 110 to 150. Recom. (For twin installations increase pitch 2")

LH Part No.	Volvo Equiv.	Dia & Pitch	Mtl	Price
SMC925 082049	809862	14 x 14	Al.	\$151
SMC921 082045	813228	14 x 12	Al.	\$151
SMC980 082057	813226	14 x 10	Al.	\$151

HP Range: 80 to 155. Recom. (For twin installations increase pitch 2")

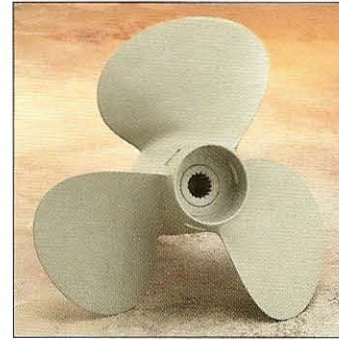
Volvo Equiv.	Dia & Pitch	Blds.	Metal	Price	Michigan Part No.
SMC898 806603	14 x 14	3	Alum.	\$151	082037
SMC906 806601	14 x 12	3	Alum.	\$151	082043

Weekends last longer when you carry a spare propeller. Leisure time on your boat is too precious to risk wasting with a broken prop. You should always carry a spare Michigan prop and a prop wrench on board your boat.

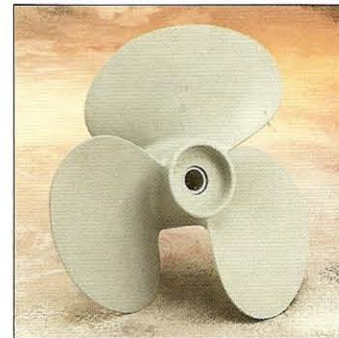
VOLVO-PENTA AQUAMATIC 200, 250, 270, 275, 280, 290, SP

STERNDRIVE

HP Range: 110 to 290. (For twin installations increase pitch 2")						
Approx. HP	Drive Ratio	Boat Length			Houseboats, Barges	
		Thru 17'	18'-21'	22'-25'		
110-145 HP	1.35:1	14 x 15	14 x 12			
	1.62:1	14 x 17	14 x 15	14 x 15	15 x 11	
	2.15:1	14 x 19	14 x 17	14 x 17	15 x 13	
150-185 HP	1.35:1	14 x 17	14 x 17	15 x 13	15 x 11	
	1.61:1	14 x 21	14 x 21	15 x 17	15 x 15	
	1.89:1	14 x 19	14 x 19	15 x 15	15 x 13	
190-225 HP	1.35:1	14 x 21	15 x 19	15 x 17		
	1.61:1	14-3/8 x 23	16 x 17	16 x 17	16 x 13	
230-260 HP	1.61:1	14 x 23	14 x 23	15 x 21		
290 HP	1.61:1	14 x 23	14 x 23	14 x 21		
LH Rot. Part No.	Volvo Equiv.	RH Rot. Part No.	Volvo Equiv.	Dia & Pitch	Blds. M'l.	Price
Long Hub Propellers						
**t082001	854285-4	**t082002	854286-2	14 x 17	3 Al.	\$138
		**t084006		14 x 17	3 S.S.	\$368
**t082003	854288-8	**t082004	854289-6	14 x 19	3 Al.	\$138
		**t084008		14 x 19	3 S.S.	\$368
**t082009	851138-8	**t082010	851139-6	14 x 21	3 Al.	\$138
**t082011	851124-8	**t082012	851125-5	15 x 17	3 Al.	\$139
**t082013	850864-0	**t082014	850865-7	15 x 19	3 Al.	\$139
**t082015	850866-5	**t082016	850867-3	15 x 21	3 Al.	\$139
** 082089	851035-6	** 082088	851036-4	16 x 13	3 Al.	\$140
** 082091	851037-2	** 082090	851038-0	16 x 15	3 Al.	\$140
** 082093	851039-8	** 082092	851040-6	16 x 17	3 Al.	\$140
tSSV171C ** 083001	852086-8	tSSV172C ** 083002	852155-1	15 1/4 x 17	3 S.S.	\$372
tSSV191C ** 083003	852085-0	tSSV192C ** 083004	852138-7	15 x 19	3 S.S.	\$372
tSSV211C ** 083005	852087-6	tSSV212C ** 083006	852137-9	14 1/2 x 21	3 S.S.	\$372
Standard Hub Propellers						
SMC556 *082081	813282-1	SMC566 *082080	813283-9	14 x 12	3 Al.	\$134
SMC570 *082083	813286-2	SMC530 *082082	813287-0	14 x 14	3 Al.	\$134
SMC338 *082025	814626-8	SMC339 *082026	814631-8	14 x 15	3 Al.	\$135
SMC342 *082027	814627-6	SMC343 *082028	814632-6	14 x 17	3 Al.	\$135
SMC346 *082031	854147-6	SMC347 *082032	854146-8	14 x 19	3 Al.	\$135
SMC348 *082033	814629-2	SMC349 *082034	814634-2	14 x 21	3 Al.	\$135
SMC350 *082053	839569-1	SMC351 *082036	839570-9	14 x 23	3 Al.	\$135
PR248 *082061		PR250 *082062		14 3/8 x 23	3 Al.	\$135
PR256 *082063				14 3/8 x 25	3 Al.	\$135
SMC592 *082085	813296-1	SMC582 *082084	814297-9	15 x 11	3 Al.	\$135
SMC606 *082087	813316-7	SMC604 *082086	813317-5	15 x 13	3 Al.	\$135
SMC340 *082059	814611-0	SMC341 *082060	814615-1	15 x 15	3 Al.	\$135
SMC344 *082029	854149-2	SMC345 *082030	854148-4	15 x 17	3 Al.	\$135
SMC293 *082021		SMC292 *082022		15 x 19	3 Al.	\$135
SMC295 *082023		SMC294 *082024		15 x 21	3 Al.	\$135
PR397 *082069		PR396 *082068		16 x 13	3 Al.	\$135
		PR404 *082072		16 x 17	3 AL.	\$135
PR409 *082075		PR408 *082074		16 x 19	3 Al.	\$135
PR413 *082077				16 x 21	3 Al.	\$135
PR417 *082079		PR416 *082078		16 x 23	3 Al.	\$135



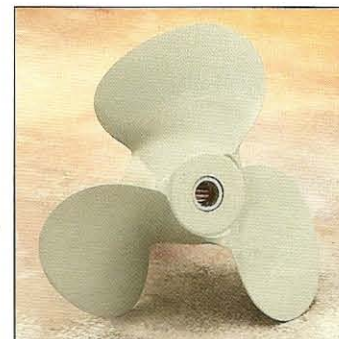
Volvo Standard Hub Aluminum



Volvo Wide Blade Aluminum



Volvo Long Hub Aluminum



Volvo Long Hub Stainless Steel

NOTE: Bushings for above alum. props suggested for max. 240 HP unless marked with a t.

*Standard Hub propeller installations from outdrive serial #PZ2877179, require a propeller cone #850785-7, spacer ring #851261-8, washer #850888-9 and allen bolt #850889-7 (prior serial number outdrives require an additional washer #897367-9). Standard Hub propellers are not for use with V-6 or diesel engines.

** Long Hub propellers for use with model "275," "280," and "290" outdrives only. Long Hub propellers are for use with "275," "280," and "290" outdrives and late production "270" outdrives which have drilled propeller shaft. LONG HUB and STAINLESS STEEL propeller installations require a propeller cone #850785-7, washer #850888-9 and allen bolt #850889-7.

Attaching hardware available thru Michigan Distributors or Volvo Distributors. Note: Michigan Part No. 082001 and 082002 are Long Hub, Volvo Equiv. is Short Hub.

For SSV Series: 1. Designed for boats with power to weight ratios of 12:1 and below. 2. Boats must have power trim. 3. Anti-cavitation plate height 1" above boat bottom. 4. Blades cambered must run in ventilated condition. 5. Use 2" less pitch if current aluminum prop is cupped, 3" less if uncupped.

**MICHIGAN WHEEL
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