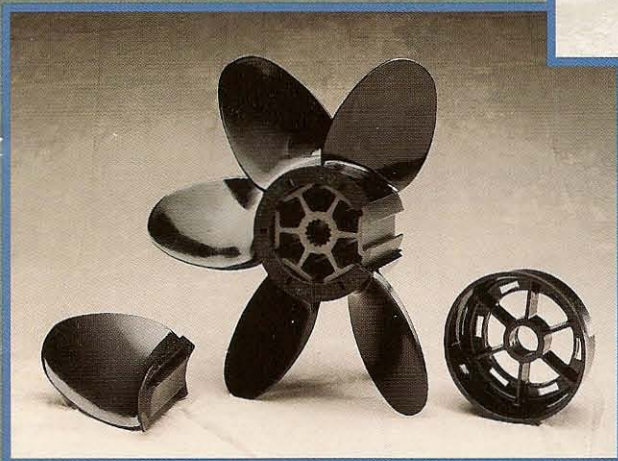
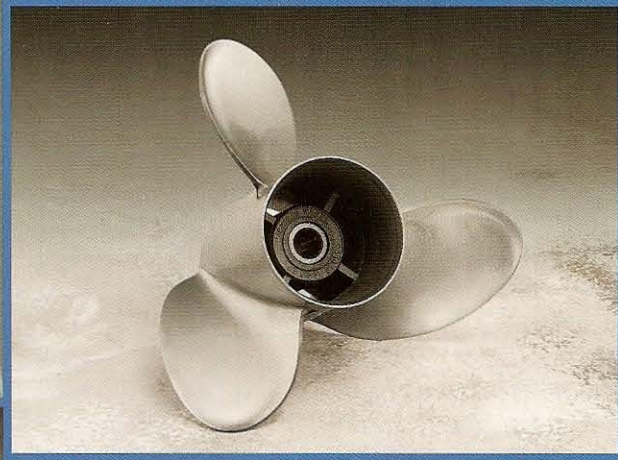


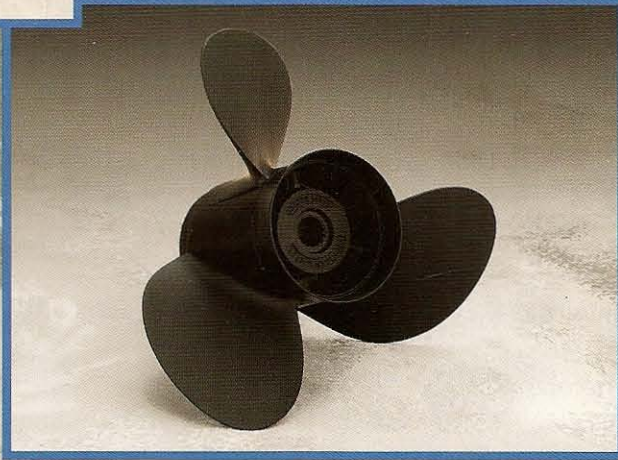
Evinrude
Johnson
OMC
Force
Chrysler
US Marine
Mariner
Mercury
Mercruiser
Honda
Nissan
Tohatsu
Suzuki
SX Cobra™
Volvo Penta
Yamaha

Michigan Wheel Corporation

...THE DRIVING FORCE



1996 OUTBOARD & STERNDRIVE PROPELLERS



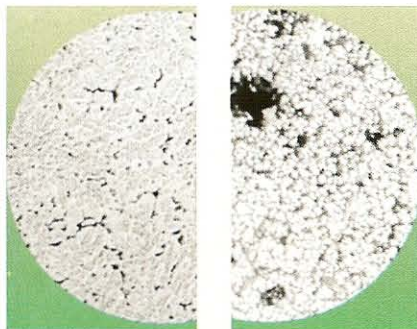
We make Hundreds of props to fit Thousands of boats proven over Millions of miles

It's simple. Michigan Wheel makes more kinds of props for more kind 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 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 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.



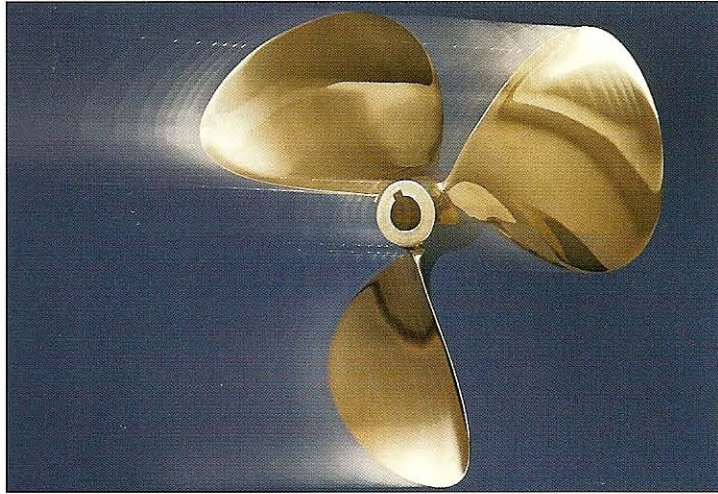
Michigan Wheel's cushioned hub is made of a special bronze alloy for superior strength.

Michigan Wheel Exclusive Alloys	Tensile Strength lbs. psi	Yield Strength	Elongation
MICHALUM® (Aluminum)	40,000	18,000	9
MICHALLOY-S™ (15-5 Stainless Steel)	80,000	70,000	3
NIBRAL	95,000	40,000	23

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

INBOARD SKI BOAT PROPELLERS DYNA JET CUPPED

Michigan Wheel Corporation's ski boat propellers provide consistent response to your throttle commands. These propellers are made of a NIBRAL alloy which provides extra strength, less flex, and greater durability. All are cupped to minimize the performance draining effects of cavitation.



Diam. x Pitch	Rotation	Bore	MWC Part No.
13" X 12"	LH	1"	310649
13" X 12.5"	LH	1 1/8"	310625
13" X 13"	RH	1"	310660
13" X 13"	LH	1"	310661
13" X 13"	LH	1 1/8"	310659
13" X 13.5"	LH	1 1/8"	310705
13" X 14"	RH	1"	310724
13" X 14"	LH	1"	310725
13" X 14"	LH	1 1/8"	310727
13" X 15"	LH	1"	310763
13" X 15"	LH	1 1/8"	310765
13" X 15.5"	LH	1 1/8"	310801
14" X 15"	RH	1"	311244
14" X 16"	RH	1"	200200
14" X 18"	RH	1 1/8"	311360
14" X 18"	LH	1 1/8"	311361

• All styles are Dyna Jet Cup •
•• Additional sizes are available ••

When ordering a new propeller, determine the diameter, pitch, rotation, and bore size of your current propeller.

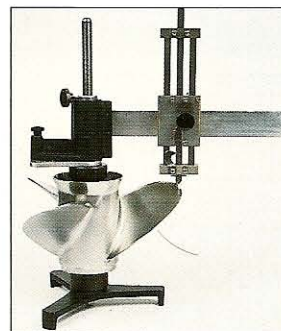
PROPELLER ACCESSORIES AND REPAIR EQUIPMENT



1) Hub Insert 2) Diffuser Rings 3) Caps
4) Bushings



Hub Extractor Cupping Block Cup Gauges



Pitchometer



Pitch Block

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 gasses 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 operator's 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 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

Stern Drive

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Eska	15
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Force	6
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Johnson	7
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McCulloch	17
Mercury	10

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Scott	17
SeaRay	10
Sears	15
Suzuki	14
Tohatsu	13
U.S. Marine	6
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Ward's, Sea-King	15
Yamaha	16

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Chrysler	23
Eaton	23
Enfield	23
Marine Drive Systems	19, 23
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Mercury Mercruiser	21
Muncie	23

Motor	Page
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OMC Sea Drive	19
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Volvo-Penta SX Drive	18
Yamaha	23

Inboard Ski Propellers - Page 3

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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.

EVINRUDE, JOHNSON (CONTINUED)

OUTBOARD

Motor & Model	Year	Boat Size & Recommendation	Blds.	Dia. & Pitch	ALUMINUM		STAINLESS STEEL	
					Nearest OMC Equip.	Part No.	Nearest OMC Equip.	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
100 HP V-4	88 Thru	Cruisers, Houseboats	3	14 x 13	382762	*PJ88C		011001
110 HP V-4	86 Thru	24'-20' Bts.	3	13-3/4 x 15	391668	PJ80		012049
115 HP V-4	73 Thru	24'-20' Bts.	3	13-3/4 x 15	382763	*PJ89C	389949	011002
120 HP V-4	86 Thru	22'-19' Bts.-All Loads	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	389948	011003
135 HP V-4	73-76	19'-17' Bts.-All Loads, Skis	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	389510	011004
140 HP V-4 Thru Hub Exhaust	86 Thru	18'-15' Bts.-All Loads, Skis	3	12-3/4 x 21	390896	*PJ83C	389512	011005

*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	10 Yamaha	1 Cup AL	Reserved for Part #
02 Mariner	11 Honda	2 Uncup AL	
03 Mercury	12 Chrysler Stern Drive	3 Cup SS	
04 McCulloch-Scott Aero	13 Marine Drive System	4 Uncup SS	
05 Sears-Elgin-Eska	14 Tohatsu-Nissan	5 Cup Bronze	
06 Suzuki	15 Misc.	6 Uncup Bronze	
07 US Marine	16 OMC/Volvo	7 Cup Nibral	
08 Volvo-Penta-Archimedes	30 Skegs, Nuts	8 Uncup Nibral	
09 Wards Sea King	92 Gil Marine		

Motor & Model	Year	Boat Size & Recommendation	Blds. Dia. & Pitch	ALUMINUM			STAINLESS STEEL	
				Nearest Force Equip.	Michigan Part No.	Nearest Force Equip.	Michigan Part No.	
3.5-3.6 HP	69-76	Standard Replacement	2 7 1/2 x 4 1/2	48-FP19	G20(LH)	072017		
3.5 HP	80-84	Standard Replacement	2 7 1/2 x 6 1/4	FP-318	PC6	072021		
4, 4.4, 6,	68-88	Standard Replacement	2 8 x 5	FP-75	PC9	072022		
6.6, 7, 7.5, 8 Splined Shaft		Standard Replacement	3 7 1/4 x 5 1/2	48-FP488	PC112	072123		
5 HP	87 Thru							
5 HP	75-77	Standard Replacement	2 7 1/2 x 5 1/2		G30(LH)	152014		
5 1/2-6 HP	56-59	Standard Replacement	2 7 1/2 x 7		GC54	072018		
6 HP	64-67	Standard Replacement	2 7 1/2 x 7		GC54	072018		
6-10 HP Sailor Sailor 180-250	76-78 79-84	Sailboats	3 10 3/8 x 10	FP-278	AMC308	072014		
6,7,5,9,2 HP	56-67	14'-12' Bts. - Light Loads	2 8 x 8		GC55	072019		
9,9 HP	68 Thru	14'-12' Bts. - Light Loads	2 8 1/4 x 8 1/4	48-FP70	PC12	072024		
10 HP	74-78	Standard Replacement	3 8 1/8 x 8 1/4	FP-408	PC20	072026		
12 HP	78-79	Standard Replacement	2 8 1/4 x 8	48-FP286-3	PC10	072023		
12.9 HP	68-75	14'-12' Bts. - Light Loads	3 8 x 9	FP-472	PC28	072122		
15 HP	80 Thru	16'-14' Bts. - Light Loads	3 8 1/4 x 6	FP-395	PC24	072121		
Splined Shaft		Aux. - Work Boats	3 8 1/4 x 5	FP-396	PC26	072125		
25 HP	95 Thru	19'-15' Bts.	3 10 3/8 x 11	48-19638A40	PM24C	031049		
		17'-13' Bts.	3 10 3/8 x 13	48-19640A40	PM23C	031048		
		Up to 14'	3 10 1/4 x 14 1/2	48-19642A40	PM22C	031047		
20-25 HP Splined Shaft	68-78	Standard Replacement	3 8 1/2 x 8 1/2	FP-324	AMC490	152002		
		14'-12' Bts. Light Loads	3 8 1/2 x 10	FP-346	PR8	072028		
20-25 HP	79-81	Cruisers, Houseboats, Sailboats	3 10 3/8 x 10	48-819337A40	AMC308	072014		
30 HP	66-82	19'-17' Bts. - All Loads, Skis	3 10 3/8 x 11 1/2	48-819336A40		072131		
35 HP	66-91	17'-16' Bts. - All Loads, Skis	3 10 3/8 x 12 1/2	48-819335A40		072132		
40HP	92-94	16'-14' Bts. - All Loads, Skis	3 10 3/8 x 13 1/2	48-819334A40		072133		
45 HP	66-84	16'-14' Bts. - Light Loads	3 10 3/8 x 14 1/2			072134		
Splined Shaft		Light Runabouts-Light Loads	3 10 1/2 x 15	FP-275		072124		
50 HP	82-94							
55-60 HP**	66-84							
45, 55-60 HP**	74-79	16'-14' Bts. - All Loads, Skis	3 11 1/4 x 13	FP-474	PR434	072068		
55,60,65 HP*	77-78	16'-14' Bts. - All Loads, Skis	3 10 x 13	FPS-493	PR553	072070		
Splined Shaft	81-84	16'-14' Bts. - Light Loads	3 10 x 14				FP-496	SSC614C 073006
40, 50 HP	95 Thru	21'-18' Bts. - All Loads, Skis	3 11 1/4 x 10	48-73132A40	PM600C	031015		
70 HP	91 Thru	20'-16' Bts. - All Loads, Skis	3 10 7/8 x 11	48-85632A40		031053		
		19'-16' Bts. - All Loads, Skis	3 10 5/8 x 12	48-816702A40	PM612C	031016	48-79792A5	SSM212C 033001
		18'-15' Bts. - All Loads, Skis	3 10 3/8 x 13	48-816704A40	PM613C	031017		
		17'-15' Bts. - All Loads	3 10 1/4 x 14	48-816706A40	PM614C	031018	48-76230A5	033028
		16'-14' - Light Loads	3 10 1/8 x 15	48-73140A40	PM615C	031019		
		up to 15' - Light Loads	3 10 x 17	48-73144A40	PM617C	031020		
80 HP**	61-65	17'-16' Bts. - All Loads, Skis	3 12 1/8 x 14	FP-84	PJ50	012033		
70-135 HP**	70-79	17'-16' Bts. - All Loads, Skis	3 13 1/8 x 15	FP-389	PR78	072032		
		16'-14' Bts. - All Loads, Skis	3 13 1/8 x 17	FP-372	PR80	072033		
		Light Runabouts-Light Loads	3 13 1/8 x 19	FP-383	PR82	072034	FP-520	SSC 117C 073001
70-140 HP*	77-89	19'-17' Bts. - All Loads, Skis	3 14 x 13	FPS-501	PR276	072054		
		17'-16' Bts. - All Loads, Skis	3 13 1/8 x 15	FPS-519	PR278	072055	13 3/4 x 15	SSC 315IIC 073002
		16'-14' Bts. - All Loads, Skis	3 13 1/4 x 17	FPS-623	SPC180	072107	FP-539	SSC 317IIC 073003
		16'-14' Bts. - Light Loads	3 13 x 19	FPS-625	SPC182	072108	FP-540	SSC 319IIC 073004
		Hi-Performance Racing	3 13 x 21	FPS-526	SPC184	072109	FP-527	SSC 321IIC 073005
Single exhaust units only		22'-17' Bts. - All Loads, Skis	3 13 1/2 x 15	48-FP669-3		071035***		
85, 125 HP	88-89	22'-17' Bts. - All Loads, Skis	3 13 1/2 x 15	48-FP692-3		072127		
90, 120 HP	90-94	22'-17' Bts. - All Loads, Skis	3 13 3/4 x 15				FP-699	073007
150 HP	89-94	20'-16' Bts. - All Loads, Skis	3 13 1/2 x 17	48-FP685-3		071036***		
90 HP L-Drive	89-91	20'-16' Bts. - All Loads, Skis	3 13 1/2 x 17			072128		
120 HP L-Drive	89-91	20'-16' Bts. - All Loads, Skis	3 13 1/4 x 17				FP-668	073008
150 HP L-Drive	91	18'-16' Bts. - All Loads, Skis	3 13 x 19	48-FP686-4		071037***	FP-695	073009
*** Cupped Propeller		18'-16' Bts. - All Loads, Skis	3 13 x 19			072129		
		To 16' Bts. - All Loads, Skis	3 12 5/8 x 21	48-FP694		071038***		
		To 16' Bts. - All Loads, Skis	3 12 5/8 x 21	FP-693		072130		
		To 16' Bts. - All Loads, Skis	3 13 x 21				FP-696	073010
90, 120 HP+	90-94	25' + Bts. - All Loads	3 14 x 11	48-77338A40		031054		
90, 120 HP++	95 Thru	22' + Bts. - All Loads	3 14 x 13	48-77340A40		031055		
150 HP+	89-94	24'-19' Bts. - All Loads	3 13-3/4 x 15	48-77342A40	PM315C	031041	48-16986A5	SSM615IIC 033016
90 HP L-Drive+	90-91	20'-17' Bts. - All Loads, Skis	3 13-1/4 x 17	48-77344A40	PM317C	031042	48-16998A40	SSM617IIC 033017
120 HP L-Drive+	90-91	19'-16' Bts. - All Loads, Skis	3 13 x 19	48-77346A40	PM319C	031043	48-16990A40	SSM619IIC ¶033018
150 HP L-Drive+	91	18'-15' Bts. - All Loads, Skis	3 12-3/4 x 21	48-77348A40	PM321C	031044		
Use Thrust washer 23-819057		18'-15' Bts. - All Loads, Skis	3 13 x 21				48-16992A40	SSM621IIC ¶033019
		Up to 17' Bts. - Light Loads	3 12 -1/2 x 23	48-77350A40	PM323C	031045		

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

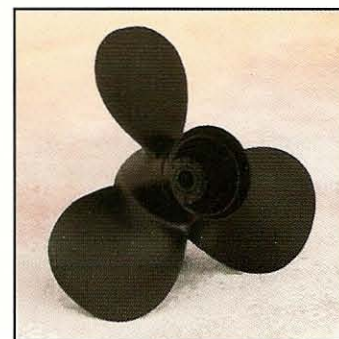
* One piece lower unit ** Two piece lower unit

+ For Dual exhaust units only & requires thrust washer 23-819057

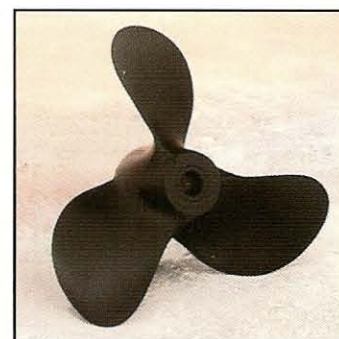
++ For all units 95 Thru current & requires thrust washer 13191A1

¶ Requires special exhaust snout Part No. F744116 for proper fit

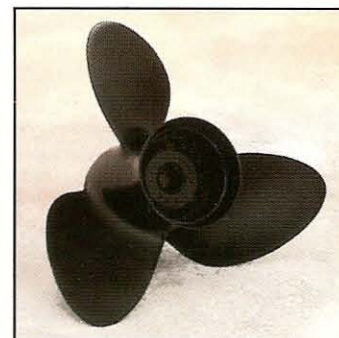
Motor & Model	Year	Boat Size & Recommendation	Blads. Dia. & Pitch	ALUMINUM		Michigan Part No.
				Nearest OMC Equiv.		
3-4 HP Weedless	52-73	Standard Replacement	3 6-1/8 x 4-1/2	203919	PJ3(LH)	012001
3-4 HP	64-72	Heavy Loads	3 8 x 4-1/2	310208	PJ5(LH)	012002
2.5,3,4 HP Right Angle Drive Excludes Deluxe Model	73 Thru	General Use	3 8 x 5-1/2	315858	PJ6(LH)	012003
4,4 1/2, Deluxe	80-83 86 Thru	Heavy Bts. Sailboats	3 8 1/2 x 7	391096	PJ47	012031
6, 7 1/2, 8 HP	80 Thru	Standard Replacement	3 8-1/2 x 9	390237	PJ49	012032
5 1/2 - 6 HP	54-65	16'-14' Bts. - Light Loads	3 7-3/4 x 6-1/2		AM431	012067
		14'-12' Bts. - Light Loads	2 8 x 7-1/4	376968	PJ300	012060
5 HP	65-68	14'-12' Bts. - Light Loads	3 8 x 7-1/2	380104	PJ7(LH)	012004
6 HP	66-79	14'-12' Bts. - Light Loads	2 8 x 7-1/4	386955	PJ8	012005
		16'-14' Bts. - Light Loads	3 7-3/4 x 6-1/2		AMC422	012068
9.5 HP	64-73	24'-20' Bts. - Sailboats	3 8-1/4 x 6-1/2		SMC12	012100
10 HP	58-63	16'-14' Bts. - All Loads, Skis	3 8-1/4 x 8	387334	PJ11	012008
10,12,14 HP**	82-94	16'-14' Runabouts	3 8-1/4 x 9	391534	SMC18	012101
Commercial & Workhorse		14'-12' Bts. - Light Loads	3 8-1/4 x 8-1/2	377635	PJ10	012007
9.9 -15 HP	74 Thru	Heavy Bts., Sailboats	3 10 x 5	386669		012113
8, 9.9, 15		16'-14' Bts. - All Loads, Skis	3 10 x 7	398126		012112
4-Stroke HP	95 Thru	Standard Replacement	3 9-1/2 x 10	174950		012111
(Thru Hub Exhaust)		Weedless	2 9 x 10	386670	PJ27	012019
10 HP	51-57	14'-12' Bts. - All Loads	3 9 x 8	277595	PJ9	012006
15 HP	53-56	Cruisers, Houseboats, Sailboats	3 9-1/4 x 7	388294	SMC39	012102
18 HP	57-73	18'-16' Bts. - Heavy Loads	3 9 x 8		PJ21	012014
20 HP	69-73	17'-16' Bts. - All Loads, Skis	4 9 x 9		AMC448	012072
25 HP	69-77	Weedless	3 9 x 10	592959	EWC19	012076
Pin Drive		16'-14' Bts. - Heavy Loads	3 9 x 9	379717	PJ19	012109
		14'-12' Bts. - Heavy Loads	3 9 x 10	383629	PJ16	012011
		14'-12' Bts. - Light Loads	3 9-1/4 x 11	388088	PJ18	012013
		14'-12' Bts. - Light Loads	3 9-1/4 x 12		PJ15	012010
25 HP	51-55	Barges, Extra Heavy Boats	3 10-1/2 x 8		SMC47	012063
28 HP	62-64	Cruisers, Houseboats, Sailboats	3 10-1/2 x 10	376738	PJ41	012027
30 HP	56	19'-17' Bts. - All Loads, Skis	3 10-3/8 x 11-1/2	385955	PJ31	012023
33 HP	65-70	16'-14' Bts. - All Loads, Skis	3 10-3/8 x 12-1/2	378580	PJ30	012022
35 HP	57-59	16'-14' Bts. - All Loads, Skis	3 10-1/2 x 12	380637	PJ32	012024
40 HP	60-76	16'-14' Bts. - Light Loads	3 10-3/8 x 13-1/2	378579	PJ35	012025
40 HP*	78-85	16'-14' Bts. - Light Loads	3 10-1/2 x 13	384460	PJ42	012028
Commercial & Workhorse Pin Drive		14'-12' Bts. - Light Loads	3 10-3/8 x 14	378571	PJ40	012026
14 HP	89	18'-16' Bts. - Heavy Loads	3 9 x 9	389068	PJ29	012021
25 HP	78-84	17'-15' Bts. - All Loads, Skis	3 9 x 10	389069	PJ22	012015
25 HP*	78-91	17'-14' Bts. - All Loads, Skis	3 9-1/4 x 11	388883	PJ24	012016
25 HP*	94 Thru	17'-14' Bts. - Light Loads	3 9-1/4 x 12	389944	PJ45	012030
Commercial & Workhorse 28 HP (Spline Drive)	86 Thru					
20 HP	84 Thru	Cruisers, Houseboats	3 11-1/4 x 7	387320	PJ94	012053
25 HP	84 Thru	20'-17' Bts. - All Loads, Skis	3 11 x 9	386317	PJ95	012054
25 HP*	93-94	18'-16' Bts. - All Loads, Skis	3 10-1/2 x 11	175190	PJ96	012055
Commercial		17'-15' Bts. - All Loads, Skis	3 10 x 13	175191	PJ97	012056
30 HP	84 Thru	15'-13' Bts. - All Loads, Skis	3 10 x 15	390380	PJ98	012057
35 HP (Thru Hub Exhaust)	76 Thru					
50 HP V-4 Pin Drive	58-59	16'-14' Bts. - All Loads, Skis	3 12-1/8 x 14	278155	PJ50	012033
40 HP 2 Cyl. 48 HP	84 Thru 87 Thru	Cruisers, Houseboats	3 13 x 11	386907	PJ58	012036
50 HP 2 Cyl. 55 HP 2 Cyl. 60 HP 2 Cyl. 75 HP 3 Cyl. Sprint Formula E	75 Thru 76-79 80-85 75-85 86-90 86-90	18'-15' Bts.-All Loads, Skis	3 12-1/2 x 13	386909	PJ59	012037
Small Gear Case (Thru Hub Exhaust)		17'-14' Bts.-All Loads, Skis	3 12-1/4 x 15	176421		*011027
		17'-14' Bts.-All Loads, Skis	3 12-1/4 x 15	386786	PJ60	012038
		15'-13' Bts.-Light Loads	3 11-3/4 x 17	176422		*011028
		15'-13' Bts.-Light Loads	3 11-3/4 x 17	386841	PJ61	012039
		14'-12' Bts.-Light Loads	3 11-1/2 x 19	176423		*011029
		14'-12' Bts.-Light Loads	3 11-1/2 x 19	386908	PJ62	012040
		14'-12' Bts.-Light Loads	3 11-1/4 x 19			012040
60,65,75,80, 85,90 HP V-4	60-68	19'-17' Bts.-All Loads, Skis	3 10 x 9-1/4	379260	PJ74	012042
Small Hub Prop -uses special small nut-- Part No. 302001** Pin Drive		19'-17' Bts.-All Loads, Skis	3 10-1/4 x 10	378040	PJ75	012043
		17'-16' Bts.-All Loads, Skis	3 10 x 11	381446	PJ73	012041
		17'-16' Bts.-All Loads, Skis	3 10 x 11	377978	PJ76	012044
		16'-14' Bts.-All Loads, Skis	3 10 x 12	378039	PJ77	012045
100 HP V-4 Pin Drive	66-68	24'-20' Bts.-One Engine	3 14 x 11	382676	PR115	012089
		24'-20' Bts.-One Engine	3 14 x 12	382017	PR118	012090



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.	Michigan Part No.
390849 SST®	013024
390850 SST® SSO315C	013010
390851 SST®	013026
390852 SST®	013032

* Indicates Cupped Propeller.

** Available from Michigan Wheel Corporation Distributors, order part 302001 (NP74)

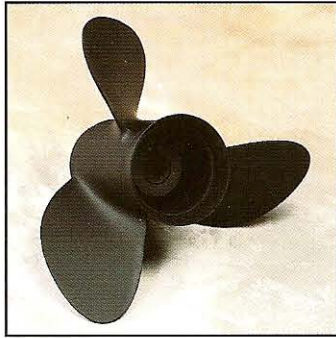
*** Engines being offered in European market only.

Motor & Model	Year	Boat Size & Recommendation	Blids.	Dia. & Pitch	ALUMINUM		STAINLESS STEEL			
					Nearest OMC Equiv.	Michigan Part No.	Nearest OMC Equiv.	Michigan Part No.		
45 HP 2 Cyl.* *Commercial	86 Thru	Cruisers, Houseboats	4	14 x 10		DQ320	012074			
50 HP 2 Cyl.	71-74	Cruisers, Houseboats	3	14 x 11	382761	PJ87	012047			
50 HP 2 Cyl.*	77-79	Cruisers, Houseboats	3	14 x 13	382762	PJ79	012048			
55 HP 2 Cyl.* *Commercial	80 Thru	22'-19' Bts.-All Loads, Skis	4	14 x 12	391668	PJ88C	*011001			
55 HP 3 Cyl.	68-69	19'-17' Bts.-All Loads, Skis	3	13-3/4 x 15	382763	DQ328	012075			
60 HP 3 Cyl.	70-71	18'-15' Bts.-All Loads, Skis	3	13-3/4 x 15	391198	PJ80	012049			
60 HP 3 Cyl.	86 Thru	18'-15' Bts.-All Loads, Skis	3	13-1/4 x 17	382764	PJ89C	*011002	389949	SST II®	013028
65 HP 3 Cyl.	72-73	18'-15' Bts.-All Loads, Skis	3	13-1/4 x 17	391199	PJ81	012050			
65 HP 3 Cyl.* *Commercial	84 Thru	16'-14' Bts.-All Loads, Skis	3	13-3/8 x 17		PJ90C	*011003			
70 HP 3 Cyl.	74 Thru	16'-14' Bts.-All Loads, Skis	3	14 x 17	176214		*011024	389948	SST II®	013030
75 HP 3 Cyl. Lg. Gear Case (All Thru Hub Exhaust)	75-84	13'-15' Bts.-Light Loads	3	13 x 19	382765	PJ82	012051			
		High-Performance SS	3	13 x 19	390896	PJ91C	*011004	389510	SST II®	013033
		High-Performance SS	3	14 x 19	176215		*011025			
		High-Performance SS	3	12-3/4 x 21	389788	PJ83C	*011005	389512	SST II®	013034
		High-Performance SS	3	14 x 21	176216		*011026			
		High-Performance SS	3	13 1/4 x 17				394758	Raker™	013027
		High-Performance SS	3	13 1/4 x 19				394759	Raker™	013029
		High-Performance SS	3	13 1/4 x 21				394760	Raker™	013031
85 HP V-4	69-80	Cruisers, Houseboats	4	14 x 10		DQ320	012074			
85 HP V-4	91 Thru	Cruisers, Houseboats	3	14 x 11	382761	PJ87	012047			
88 HP V-4	81 Thru	Cruisers, Houseboats	3	14 x 13	382762	PJ79	012048			
90 HP V-4* *V-4 Gear Case Only	81 Thru	Cruisers, Houseboats	3	14 x 13	391668	PJ88C	*011001			
100 HP V-4	79-80	Cruisers, Houseboats	4	14 x 12		DQ328	012075			
100 HP V-4	88 Thru	24'-20' Bts.-All Loads, Skis	3	13-3/4 x 15	382763	PJ80	012049			
110 HP V-4	86-89	24'-20' Bts.-All Loads, Skis	3	13-3/4 x 15	391198	PJ89C	*011002	389949	SST II®	013028
112 HP V-4	94 Thru	22'-19' Bts.-All Loads, Skis	3	13-1/4 x 17	382764	PJ81	012050			
115 HP V-4* *V-4 Gear Case Only	73 Thru	22'-19' Bts.-All Loads, Skis	3	13-1/4 x 17	391199	PJ90C	*011003			
120 HP V-4	86 Thru	22'-19' Bts.-All Loads, Skis	3	13-3/8 x 17				389948	SST II®	013030
125 HP V-4	71-72	22'-19' Bts.-All Loads, Skis	3	14 x 17	176214		*011024			
135 HP V-4	73-76	19'-17' Bts.-All Loads, Skis	3	13 x 19	382765	PJ82	012051			
140 HP V-4	77-84	19'-17' Bts.-All Loads, Skis	3	13 x 19	390896	PJ91C	*011004	389510	SST II®	013033
140 HP V-4 Thru Hub Exhaust	86 Thru	19'-17' Bts.-All Loads, Skis	3	14 x 19	176215		*011025			
		18'-15' Bts.-Light Loads	3	12-3/4 x 21	389788	PJ83C	*011005	389512	SST II®	013034
		18'-15' Bts.-Light Loads	3	14 x 21	176216		*011026			
		High-Performance SS	3	13 1/4 x 17				394758	Raker™	013027
		High-Performance SS	3	13 1/4 x 19				394759	Raker™	013029
		High-Performance SS	3	13 1/4 x 21				394760	Raker™	013031
90 HP V-4	95 Thru	Cruisers, Houseboats	3	15-1/2 x 10		PJ199C	*011015			
100 HP V-4* *Commercial	84 Thru	Cruisers, Houseboats	3	15-1/2 x 13	387158	PJ200	012059			
115 HP V-4*	95 Thru	Cruisers, Houseboats	3	15-1/2 x 13	391536	PJ200C	011016			
120-140 HP V-4	1985	Cruisers, Houseboats	3	15-1/2 x 15	391535	PJ201C	011006			
140 (25") V-4 V-6 Gear case only	89 Thru	Cruisers, Houseboats	3	15 x 15				174926	SST II®	013052
150 HP V-6	78 Thru	26'-20' Bts.-All Loads, Skis	3	15 x 17	391200	PJ202C	011007			
GT, XP 150 V-6	86-91	26'-20' Bts.-All Loads, Skis	3	15 x 17				391290	SST II®	013044
155 HP V-6*	84 Thru	22'-18' Bts.-All Loads, Skis	3	14-1/2 x 19	391201	PJ203C	011008			
175 HP V-6	77 Thru	22'-18' Bts.-All Loads, Skis	3	14-1/2 x 19				389924	SST II®	013046
GT, XP 175 V-6 *Commercial	89-91	19'-17' Bts.-All Loads, Skis	3	14-1/4 x 21	391202	PJ204C	011009			
185 HP V-6	84-85	19'-17' Bts.-All Loads, Skis	3	14-1/4 x 21				389923	SST II®	013048
200 HP V-6	76 Thru	18'-15' Bts.-All Loads, Skis	3	14-1/4 x 23	391203	PJ205C	011010			
GT, XP 200 V-6	86-93	18'-15' Bts.-All Loads, Skis	3	14-1/4 x 23				389019	SST II®	013050
225 HP V-6	86 Thru	42-52 MPH	3	14 1/4 x 20				394753	Raker™	013054
235 HP V-6	78-85	53-58 MPH	3	14 1/4 x 22				394754	Raker™	013056
2.6L V-6	84-85	57-63 MPH	3	14 1/4 x 24				394755	Raker™	013058
250 HP V-8	91 Thru	62-72 MPH	3	14 1/4 x 26				394756	Raker™	013060
275 HP V-8	86-88	50-62 MPH	4	13 3/4 x 22				431717	Shooter®	**013036
300 HP V-8	86 Thru	55-67 MPH	4	13 3/4 x 24				431718	Shooter®	**013038
GT, XP300 V-8	86-93	60-72 MPH	4	13 3/4 x 26				431719	Shooter®	**013040
3.6L V-8 Thru-Hub Exhaust	86 Thru	60-72 MPH	4	13 3/4 x 26						
Left Hand			3	15 x 15				174927	SST II® LH	013051
Rotation Propellers			3	15 x 17				431930	SST II® LH	013043
All V-6 & V-8	87 Thru		3	14-1/2 x 19				390821	SST II® LH	013045
V-4 (V-6 Gearcase)	88 Thru		3	14-1/4 x 21				390822	SST II® LH	013047
Counter-Rotation			3	14-1/4 x 23				390823	SST II® LH	013049
Outboards			3	14 1/4 x 20				398502	Raker™ LH	013055
			3	14 1/4 x 22				398503	Raker™ LH	013057
			3	14 1/4 x 24				398504	Raker™ LH	013059
			3	14 1/4 x 26				398505	Raker™ LH	013061

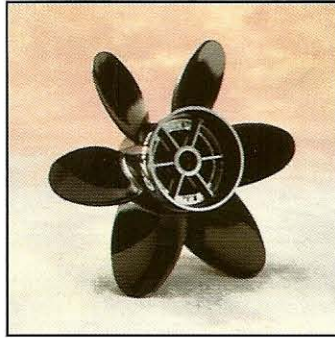
OMC OUTBOARD ("Heavy-Duty Special" Hard to Plane Boats)

Motor & Model	Year	Boat Size (Speed MPH)	Mat'l.	Blids	Dia. & Pitch	LH Part No.	RH Part No.
120-140 HP V-4	85 Thru	22'-20" Twin (39-50)	S.S.	3	14 1/2 X 21	013023	013017
Thru Hub Exhaust V-6 Gearcase		21'-18" Single (39-50)	S.S.	3	14 1/2 X 21		013017
150-235 HP V-6	76 Thru	24'-22" Twin (45-53)	S.S.	3	14 1/2 X 21		013017
250 HP - 300 V-8	86 Thru	22'-20" Single (45-53)	S.S.	3	14 1/2 X 21	013023	013017
Thru Hub Exhaust							

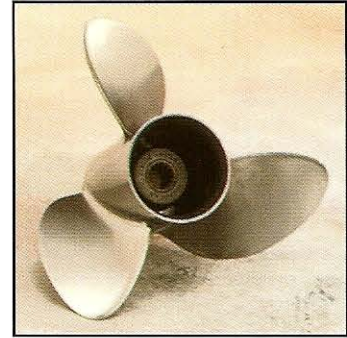
* If currently using uncupped prop, use cupped prop having 2" less pitch. Boats with power trim use same pitch.
 • 2 1/2" of skeg must be removed for proper fit. Use thrust washer 333592.
 ** Forward Thrust washer A-9500-111 comes with propeller and replaces the standard OMC Thrust Washer except when used on 1991 or 1992 and 1994 through current model engines use OMC thrust washer 126869.
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Evinrude / Johnson
40-50 HP
Cupped Aluminum

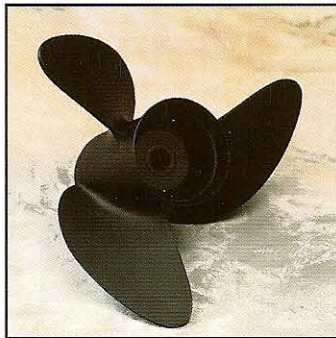


GAL 6 Gun Composite Propeller
see page 23

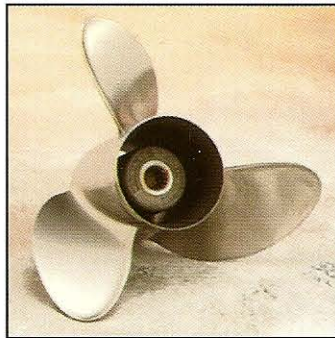


Evinrude / Johnson
40-50 HP
Stainless Steel
Equivalent to OMC SSTII®

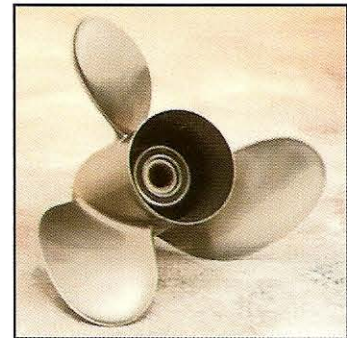
V-4 Propellers



Evinrude / Johnson
V-4 Aluminum
Wide Blade

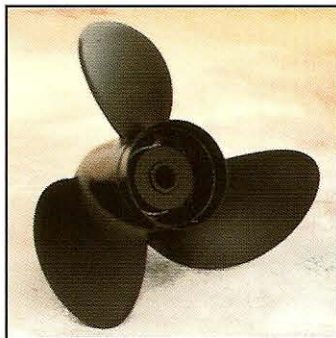


Evinrude / Johnson
V-4 Stainless Steel
Equivalent to OMC SSTII®

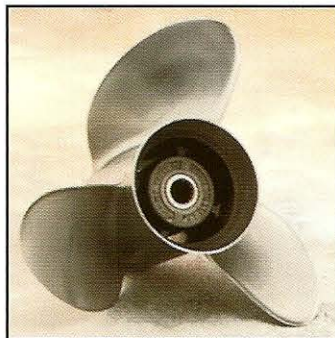


Evinrude / Johnson
V-4 High Performance
Stainless Steel
Equivalent to OMC Raker™

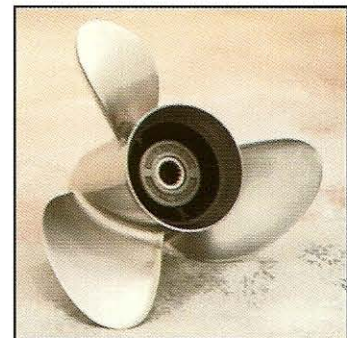
V-6 Propellers



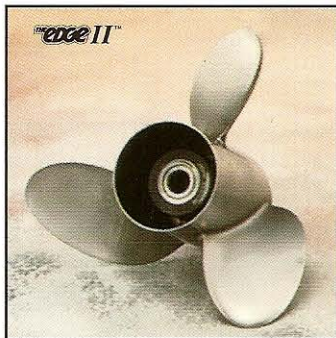
Evinrude / Johnson
V-6 Aluminum



Evinrude / Johnson V-6 RH & LH Stainless Steel
Equivalent to OMC SSTII®



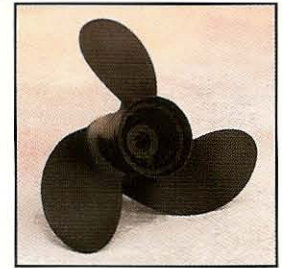
Evinrude / Johnson
V-6 4 Blade
Stainless Steel
Equivalent to OMC Shooter



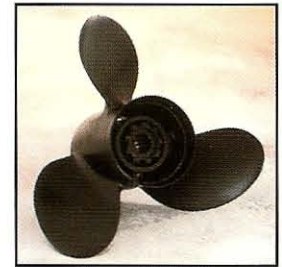
Evinrude / Johnson V-6 RH & LH High Performance Edge II Stainless Steel
Equivalent to OMC Raker™



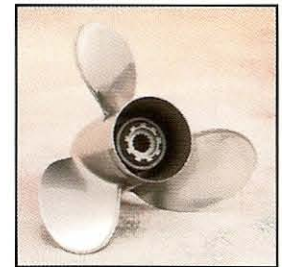
Motor & Model	Year	Boat Size & Recommendation	Blds. Dia & Pitch	Nearest Merc. Equiv.	ALUMINUM	Michigan Part No.
40	73-75	Standard Replacement	2 8-1/4 x 6	48-63494A10	PM 8	032014
45	73-81					
60	61-67	Standard Replacement	2 8 x 8	48-45890A1	PM 6	032013
Mark 28, 28A, 200-250	58-62	16'-14' Bts. - All Loads, Skis	3 9-1/4 x 9	48-28037A1	PM 27(LH)	032025
Merc 7.5, 9.8, 110	68-85	Standard Replacement	2 9 x 9	48-47922A10	PM 21	032021
8 Spline	68-79	Light Runabouts - Light Loads	2 9 x 10	48-47926A10	PM 19	032019
		16'-14' Bts. - All Loads, Skis	3 9 x 7	48-47670A10	PM 20	032020
Merc 20	63-81	16'-14' Bts. - All Loads, Skis	3 10 x 9	48-86962A4		032136
		Standard Replacement	2 9-7/8 x 11	48-33480A1		032135
6 HP	86 Thru	Houseboat, Workboat	3 9-3/4 x 5-1/2	48-42518A11		032137
8 HP	86 Thru	14'-20' Bts.-All Loads	3 9-1/4 x 7	48-42520A12		032138
9.9 HP	86 Thru	Standard Replacement	3 9 x 9	48-42522A12		032139
9.9 HP (4-Stroke)**	95 Thru	14'-16' Bts.-All Loads	3 9 x 10-1/2	48-17874A12		032140
** Use Thrust Washer 42 6301						
15 HP	89 Thru					
18 HP	80-85	19'-15' Bts.	3 10-3/8 x 11	48-19638A40	PM 24C	031049
20 HP	86 Thru	17'-13' Bts.	3 10-3/8 x 13	48-19640A40	PM 23C	031048
25 HP	80 Thru	Up to 14' Bts.	3 10-1/4 x 14-1/2	48-19642A40	PM 22C	031047
Thru Hub Exhaust						
Mark 35A, Mark 50, 55, Mark 58, 58A, 300, 350, 400, 500	56-61	17'-16' Bts. - All Loads, Skis	3 10 x 10	48-22575A2	AMC 580S	032077
All 11 Spline						
300, 350	62-69	Cruisers, Houseboats, Sailboats	3 10-1/4 x 9	48-32194A1	PR 31	032083
400, 450, 500		19'-17' Bts. - All Loads, Skis	3 10-1/4 x 10	48-33774A1	PR 33	032084
Thru Prop Exhaust		17'-16' Bts. - All Loads, Skis	3 10-1/4 x 11	48-38098A1	PR 35	032085
		16'-14' Bts. - All Loads, Skis	3 10-1/4 x 12	48-38094A1	PR 37	032086
		16'-14' Bts. - Light Loads	3 10-1/4 x 13	48-38090A1	PR 39	032087
400-402-500	70-73	19'-17' Bts. - All Loads, Skis	3 10-1/4 x 11	48-56244A1	PR335	032097
Prop Exhaust		16'-14' Bts. - All Loads, Skis	3 10-1/4 x 13	48-56236A1	PR339	032099
13 Spline		16'-14' Bts. - Light Loads	3 10-1/4 x 15	48-56232A1	PR343	032100
402-500	74-76	22'-19' Bts. - All Loads	3 12-1/4 x 10	48-61812A1	PM530	032045
60 HP (Mariner)	76	19'-17' Bts. - All Loads, Skis	3 12 x 11	48-61814A1	PM527	032044
650	72-76	17'-16' Bts. - All Loads, Skis	3 11-3/4 x 12	48-61816A1	PM524	032043
		18'-15' Bts. - All Loads, Skis	3 11-1/2 x 13	48-61818A1	PM521	032042
		16'-14' Bts. - Light Loads	3 11-1/4 x 14	48-61820A1	PM518	032041
		15'-13' Bts. - Light Loads	3 11 x 15	48-61822A1	PM515	032040
		14'-12' Bts. - Light Loads	3 10-3/4 x 16	48-61824A1	PM513	032039
402-500-700 HP	77-84	19'-17' Bts. - All Loads, Skis	3 11-1/4 x 10	48-73132A40	PM600C	031015
30 HP (2:1 Gear)	94 Thru	18'-16' Bts. - All Loads, Skis	3 10-7/8 x 11	48-85632A40		031053
35 HP (2 Cyl. In Line)	84-89	18'-16' Bts. - All Loads, Skis	3 10-5/8 x 12	48-73134A40	PM612C	031016
40 HP (2 Cyl. In Line)	77-83	17'-15' Bts. - All Loads, Skis	3 10-3/8 x 13	48-73136A40	PM613C	031017
40 HP (4 Cyl. In Line)	90 Thru	17'-14' Bts. - All Loads	3 10-1/4 x 14	48-73138A40	PM614C	031018
45 HP (4 Cyl. In Line)	86-89	16'-14' Bts. - Light Loads	3 10-1/8 x 15	48-73140A40	PM615C	031019
50 HP (4 Cyl. In Line)	77-85	15'-13' Bts. - Light Loads	3 10 x 17	48-73144A40	PM617C	031020
50 HP (3 Cyl. In Line)	86 Thru					
50 HP 4-Stroke	95 Thru					
60 HP (1.64:1 or 1.83:1 Gear)	84 Thru					
70 HP (3 Cyl. In Line)	Thru 83					
650 4 Cyl. (2:1)	61-70	24'-20' Bts.	3 13 x 11	48-35936A3	**PR151	**032089
800-850 6 Cyl.	Thru 72	22'-19' Bts.	3 13 x 13	48-58826A3	**PR153	**032090
900-1150	Thru 77	19'-17' Bts. - All Loads, Skis	3 13 x 15	48-32390A3	**PR155	**032091
650 2Cyl.	Thru 71	19'-17' Bts. - All Loads, Skis	3 13 x 15		**PR155C	**031001
800-850 4 Cyl.	72-77	19'-17' Bts. - All Loads, Skis	3 13-3/4 x 15			
80 HP (Yamaha)	1977	17'-16' Bts. - All Loads, Skis	3 13 x 17	48-65022A1	**PR157	**032092
80 HP (Mariner)	1977	17'-16' Bts. - All Loads, Skis	3 13 x 17		**PR157C	**031002
1000-1100	Thru 77	17'-16' Bts. - All Loads, Skis	3 13 x 19			
1150-1250	Thru 77	18'-15' Bts. - All Loads, Skis	3 13 x 19	48-65024A1	**PR159	**032093
1350	Thru 77	16'-14' Bts. - All Loads, Skis	3 13 x 21		**PR159C	**031003
1400-1500 In Line 6	Thru 77	16'-14' Bts. - All Loads, Skis	3 13 x 21	48-67280A1	**PR161	**032094
** Use Thrust Washer 65091		16'-14' Bts. - All Loads, Skis	3 13 x 21		**PR161C	**031004
* Use Thrust Washer 13191A1						
60 HP (2.3:1 Gear)	95 Thru	25' + Bts. - All Loads	3 14 x 11	48-77338A40		*031054
70 HP 3 Cyl.	87-89	22' + Bts. - All Loads	3 14 x 13	48-77340A40		*031055
75 HP 3 Cyl.	90 Thru	24'-19' Bts. - All Loads	3 13 3/4 x 15	48-77342A40	PM315C	*031041
75 HP In Line 4	84-86	20'-17' Bts. - All Loads, Skis	3 13 1/4 x 17	48-77344A40	PM317C	*031042
80 HP In Line 4	78-83	19'-16' Bts. - All Loads, Skis	3 13 x 19	48-77346A40	PM319C	*031043
80 HP 3 Cyl.	87-89	18'-15' Bts. - All Loads, Skis	3 12 3/4 x 21	48-77348A40	PM321C	*031044
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	48-77350A40	PM323C	*031045
100 HP In Line 4	88 Thru					
115 HP In Line 6	78-89					
115 HP In Line 4	88 Thru					
125 HP In Line 4	94 Thru					
140 HP	78-81					
*Use Thrust Washer 13191A1						



Mercury 8-15 HP Aluminum



Mercury 70-115 HP Aluminum



Mercury 70-115 HP Stainless Steel

Nearest Merc. Equiv. Michigan Part No.

STAINLESS STEEL

48-79792A5 SSM212C 033001

48-76230A5 033028

48-16986A5 SSM615IIC 033016

48-16988A5 SSM617IIC 033017

48-16990A40 SSM619IIC 033018

48-16992A40 SSM621IIC 033019

48-16986A5 SSM615IIC 033016

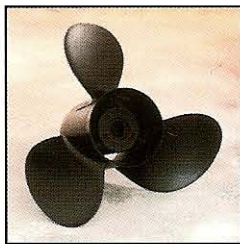
48-16988A5 SSM617IIC 033017

48-16990A40 SSM619IIC 033018

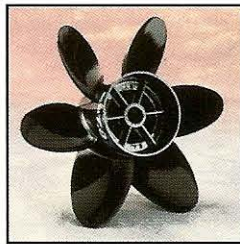
48-16992A40 SSM621IIC 033019

† Requires High Performance Trim Tab C46399A1 for Proper Fit.

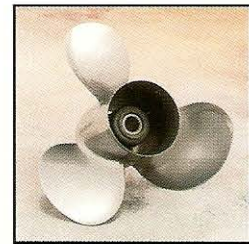
Motor & Model	Year	Boat Size & Recommendation	Blids. Dia. & Pitch	ALUMINUM			STAINLESS STEEL			
				Nearest Merc. Equiv.	Michigan Part No.		Nearest Merc. Equiv.	Michigan Part No.		
150 XR-4	Thru 91	53-62 MPH	4 13 1/4 x 22						033068	
150 XR-6*	92-94	55-63 MPH	4 13 1/4 x 23						033069	
*4-1/4 gear case		59-67 MPH	4 13 1/4 x 24						033070	
		64-73 MPH	4 13 1/4 x 25						033071	
135 HP	87 Thru	28'-24'(50-55 MPH) Sgl. or Twin	3 14-1/2 x 21				SSM 312C		033022	
150 HP V-6*	78 Thru	Cruisers, Houseboats	3 16 x 11	48-78112A40	PM 211C	031021				
150 HP V-6**	78 Thru	Cruisers, Houseboats	3 16 x 13	48-78114A40	PM 213C	031022				
**4-3/4 Gear case	93 Thru	22'-25' Bts. - All Loads	3 16 x 14	48-16438A40		031050				
175 HP V-6*	78 Thru	21'-24' Bts. - All Loads	3 15-1/4 x 15	48-78116A40	PM 215C	031023				
200 HP V-6*	78 Thru	21'-24' Bts. - All Loads	3 14-1/2 x 15				48-16312A4	SSM 245C	033002	
220 HP V-6*	87 Thru	20'-23' Bts. - All Loads, Skis	3 16 x 16	48-16440A40		031051				
225 HP V-6*	81-82	19'-23' Bts. - All Loads, Skis	3 14-1/2 x 17	48-78118A40	PM 217C	031024	48-16314A4	SSM 247C	033003	
250 HP V-6*	94 Thru	18'-22' Bts. - All Loads, Skis	3 15 1/2 x 18	48-11324A40		031052				
275 HP V-6*	90-94	18'-21' Bts. - All Loads, Skis	3 14 x 19	48-78120A40	PM 219C	031025	48-16316A4	SSM 249C	033004	
300 HP V-6	83	18'-20' Bts. - All Loads, Skis	3 13-3/4 x 21	48-78122A40	PM 221C	031026	48-16318A4	SSM 251C	033005	
3.4 Litre	84-86	17'-20' Bts. - All Loads, Skis	3 13-1/2 x 23	48-78124A40*	PM 223C	031027	48-16320A4	SSM 253C	033006	
Use Thrust Washer 13171		42-52 MPH	3 14 1/4 x 20				48-16546A41	Laser II™	033060	
* Includes EFI, Offshore & XRI		53-58 MPH	3 14 1/4 x 22				48-16548A41	Laser II™	033062	
High Performance		57-63 MPH	3 14 1/4 x 24				48-16550A41	Laser II™	033064	
edge II Propellers		62-72 MPH	3 14 1/4 x 26				48-16552A41	Laser II™	033066	
			3 14 1/4 x 20	Left Hand			48-16545A41	Laser II™	033061	
			3 14 1/4 x 22	Left Hand	edge II		48-16547A41	Laser II™	033063	
			3 14 1/4 x 24	Left Hand			48-16549A41	Laser II™	033065	
			3 14 1/4 x 26	Left Hand			48-19709A40	Laser II™	033067	
		50-62 MPH	4 13 3/4 x 22	4 Blade Hole					033038*	
		55-67 MPH	4 13 3/4 x 24	Shot					033040*	
		60-72 MPH	4 13 3/4 x 26	Propellers					033042*	
			* Forward Thrust Washer A-9500-110 comes with propeller and replaces Mercury Forward Thrust Washer.							
V - 6 Outboards (4 - 3/4" Large gear case)		18'-21' Bts.-All Loads, Skis	3 15 1/4 x 19				48-13700A41	Mirage™	033030	
		18'-20' Bts.-All Loads, Skis	3 14 3/4 x 21				48-13702A41	Mirage™	033032	
		17'-20' Bts.-All Loads, Skis	3 14 5/8 x 23				48-13704A41	Mirage™	033034	
		16'-19' Bts.-All Loads, Skis	3 14 1/2 x 25				48-13706A41	Mirage™	033036	
High Performance			3 15 1/4 x 19	Left Hand			48-13701A41	Mirage™	033029	
WAVE Propellers			3 14 3/4 x 21	Left Hand	WAVE		48-13703A41	Mirage™	033031	
For your offshore or heavily loaded boat			3 14 5/8 x 23	Left Hand			48-13705A41	Mirage™	033033	
			3 14 1/2 x 25	Left Hand			48-13707A41	Mirage™	033035	



Mercury 135-300-HP Aluminum



GAL 6 Gun Composite Propeller see page 23



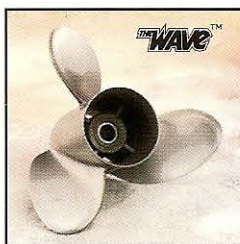
Mercury 135-300-HP Stainless Steel Equivalent to QSS



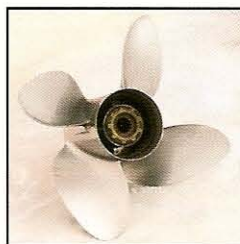
Mercury V-6 High Performance Stainless Steel Equivalent to Laser II™



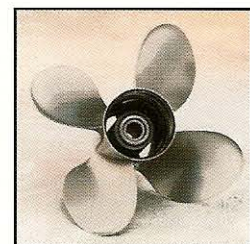
Mercury V-6 High Performance Stainless Steel Equivalent to Laser II™



Mercury V-6 Stainless Steel Equivalent to Mirage™



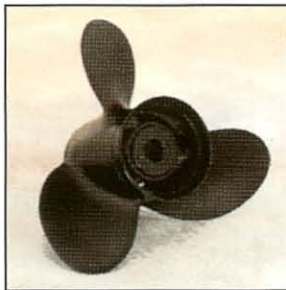
Mercury XR4-XR6 4 Blade



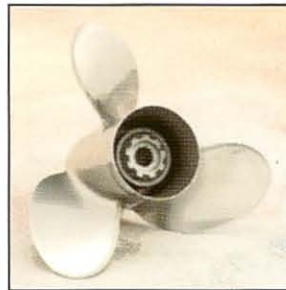
Mercury V-6 4 Blade Stainless Steel

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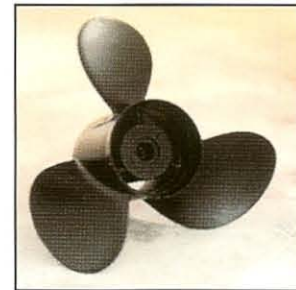
Motor & Model	Year	Boat Size & Recommendation	Blids. Dia & Pitch	ALUMINUM		Michigan Part No.	STAINLESS STEEL	
				Nearest Mariner Equiv.			Nearest Mariner Equiv.	Michigan Part No.
8 HP	76-84	24'-20' Bts. - Sailboats 16'-14' Bts. - All Loads, Skis 16'-14' Bts. - Light Loads	3 8-1/4 x 6-1/2 3 8-1/4 x 8 3 8-1/4 x 9	48-82763 48-82764 48-82766	SMC12 PJ11 SMC18	012100 012008 012101		
6 HP 8 HP 9.9 HP 9.9 (4-Stroke)** 15 HP	94 Thru 87 Thru 87 Thru 95 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 48-42520A12 48-42522A12 48-17874A12		032137 032138 032139 032140		
15 HP 15A W15 20 HP 25 HP	76-81 79-82 77-85 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	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	48-19638A40 48-19640A40 48-19642A40	PM24C PM23C PM22C	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	48-81647M 48-81649M 48-82826M	PM39 PM40 PM42	022001 022002 022003		
30 HP (2:1 Gear) 40 HP 2 Cyl. 40 HP 4 Cyl. 45 HP 4 Cyl. 48 HP 50 HP 4 Cyl. 50 HP 3 Cyl. 50 HP 4-Stroke 60 HP 60 HP (1.64:1 Gear) 70 HP 3 Cyl. All Thru-Hub Exhaust	94 Thru 78-90 91 Thru 86 Thru All Years Thru 85 86 Thru 95 Thru 78 - 84 95 Thru Thru 83	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 10-7/8 x 11 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	48-73132A40 48-85632A40 48-73134A40 48-73136A40 48-73138A40 48-73140A40 48-73144A40	PM600C PM612C PM613C PM614C PM615C PM617C	031015 031053 031016 031017 031018 031019 031020	48-79792A5 48-76230A5	SSM 212C 033001 033028
60 HP 80 HP	76 77	See Listing under Mercury section on page 10.						
60 HP (2.3:1 Gear) 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 125 HP Inline 4 *Use Thrust Washer 13191A1	95 Thru Thru 86 87 Thru 78-83 Thru 85 87 Thru 88 Thru 78-88 89 Thru 94 Thru	25' + Bts. - All Loads 22' + Bts. - All Loads 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 14 x 11 3 14 x 13 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	48-77338A40 48-77340A40 48-77342A40 48-77344A40 48-77346A40 48-77348A40 48-77350A40	*031054 *031055 ¶*031041 ¶*031042 *031043 *031044 *031045	48-16986A5 48-16988A5 48-16990A40 48-16992A40	SSM615IIC ¶*033016 SSM617IIC ¶*033017 SSM619IIC *033018 SSM621IIC *033019	



Mariner 40-70 HP
Aluminum



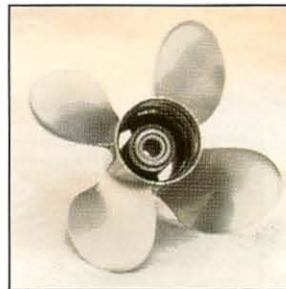
Mariner 75-115 HP
Stainless Steel



Mariner 135-220 HP
Aluminum



High Performance Stainless Steel
Equivalent to Laser II™



V-6 4 Blade
Stainless Steel



Mariner V - 6
Stainless Steel Equivalent to Mirage™

¶ Requires High Performance Trim Tab C46399A1 For Proper Fit

Motor & Model	Year	Boat Size & Recommendation	Blids.	Dia. & Pitch	ALUMINUM		STAINLESS STEEL	
					Nearest OEM Equiv.	Michigan Part No.	Nearest OEM Equiv.	Michigan Part No.
150 MAGNUM II	Thru 91	53-62 MPH	4	13 1/4 x 22				033068
150 MAGNUM III*	92 - 94	55-63 MPH	4	13 1/4 x 23				033069
* 4 1/4 gear case		59-67 MPH	4	13 1/4 x 24				033070
		64-73 MPH	4	13 1/4 x 25				033071
135 HP V-6	86 Thru	28'-24'(50-55 MPH) Sgl. or Twin	3	14-1/2 x 21			SSM 312C	033022
150 HP V-6*	79 Thru	Cruisers, Houseboats	3	16 x 11	48-78112A40	PM 211C	031021	
150 HP V-6**	92 Thru	Cruisers, Houseboats	3	16 x 13	48-78114A40	PM 213C	031022	
** 4 3/4 gear case		22'-25' Bts. - All Loads	3	16 x 14	48-16438A40		031050	
175 HP V-6*	78 Thru	21'-24' Bts. - All Loads	3	15-1/4 x 15	48-78116A40	PM 215C	031023	
200 HP V-6*	79 Thru	21'-24' Bts. - All Loads	3	14-1/2 x 15			48-16312A5	SSM 245C 033002
220 HP V-6*	87-88	20'-23' Bts. - All Loads, Skis	3	16 x 16	48-16440A40		031051	
225 HP V-6*	94 Thru	19'-23' Bts. - All Loads, Skis	3	14-1/2 x 17	48-78118A40	PM 217C	031024	48-16314A5 SSM 247C 033003
250 HP V-6*	90 Thru	18'-22' Bts. - All Loads, Skis	3	15 1/2 x 18	48-11324A40		031052	
275 HP V-6*	90 - 94	18'-21' Bts. - All Loads, Skis	3	14 x 19	48-78120A40	PM 219C	031025	48-16316A5 SSM 249C 033004
Use Thrust Washer 13171		18'-20' Bts. - All Loads, Skis	3	13-3/4 x 21	48-78122A40	PM 221C	031026	48-16318A5 SSM 251C 033005
* Includes Offshore EFI, Offshore & Magnum EFI		17'-20' Bts. - All Loads, Skis	3	13-1/2 x 23	48-78124A40	PM 223C	031027	48-16320A5 SSM 253C 033006
High Performance edge II Propellers		42-52 MPH	3	14 1/4 x 20			48-16546A41	Laser II™ 033060
		53-58 MPH	3	14 1/4 x 22			48-16548A41	Laser II™ 033062
		57-63 MPH	3	14 1/4 x 24			48-16550A41	Laser II™ 033064
		62-72 MPH	3	14 1/4 x 26			48-16552A41	Laser II™ 033066
			3	14 1/4 x 20	Left Hand		48-16545A41	Laser II™ 033061
			3	14 1/4 x 22	Left Hand		48-16547A41	Laser II™ 033063
			3	14 1/4 x 24	Left Hand		48-16549A41	Laser II™ 033065
			3	14 1/4 x 26	Left Hand		48-19709A40	Laser II™ 033067
		50-62 MPH	4	13 3/4 x 22	4 Blade Hole			033038*
		55-67 MPH	4	13 3/4 x 24	Shot Propellers			033040*
		60-72 MPH	4	13 3/4 x 26				033042*
					*Forward Thrust Washer A-9500-110 comes with propeller and replaces Mercury Forward Thrust Washer.			
V - 6 Outboards (4 - 3/4" Large gear case)		18'-21' All Loads, Skis	3	15 1/4 x 19			48-13700A41	Mirage™ 033030
		18'-20' All Loads, Skis	3	14 3/4 x 21			48-13702A41	Mirage™ 033032
		17'-20' All Loads, Skis	3	14 5/8 x 23			48-13704A41	Mirage™ 033034
High Performance wave Propellers		16'-19' All Loads, Skis	3	14 1/2 x 25			48-13706A41	Mirage™ 033036
			3	15 1/4 x 19	Left Hand		48-13701A41	Mirage™ 033029
			3	14 3/4 x 21	Left Hand		48-13703A41	Mirage™ 033031
For your offshore or heavily loaded boat			3	14 5/8 x 23	Left Hand		48-13705A41	Mirage™ 033033
			3	14 1/2 x 25	Left Hand		48-13707A41	Mirage™ 033035

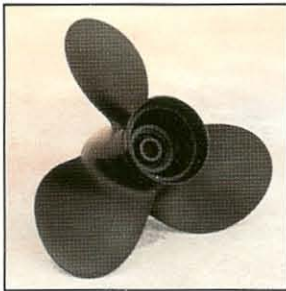
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TOHATSU, NISSAN

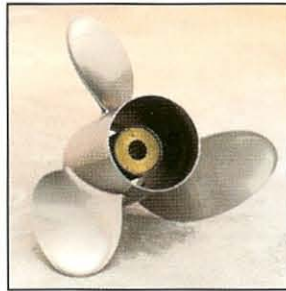
Motor & Model	Year	Boat Size & Recommendation	Blids.	Dia. & Pitch	ALUMINUM		STAINLESS STEEL	
					Nearest OEM Equiv.	Michigan Part No.	Nearest OEM Equiv.	Michigan Part No.
9.9 HP	84 Thru	14' - 18' Bts. - All Loads	3	9.2 x 6.9	362-64105-0		142015	
12 HP	85 - 88	12' - 16' Bts. - All Loads	3	9.2 x 8.4	362-64102-0		142017	
15 HP	85 Thru	10' - 14' Bts. - All Loads	3	9.2 x 9.8	362-64108-0		142019	
18 HP	85 Thru							
25 HP	86 Thru	16' - 20' Bts. - All Loads	3	10.2 x 8.3	346-64106-5		142020	
30 HP	85 Thru	14' - 18' Bts. - All Loads	3	9.8 x 10.2	346-64102-5		142022	
		12' - 16' Bts. - All Loads	3	9.9 x 13.1	346-64104-5		142024	
35 HP (358 only)	Thru 84	21'-17' Bts.-All Loads	3	10.6 x 11.3	361-64113-0		142001	
40 HP	84 Thru	17'-16' Bts.-All Loads	3	10.6 x 11.7	361-64114-0		142002	
50 HP (50D Only)	91	16'-14' Bts.-All Loads	3	10.3 x 12.7	348-64102-0		142003	
50 HP	92 Thru	14'-12' Bts.-All Loads	3	10.2 x 13.9	348-64103-0		142004	
50 HP (50C Only)	87- 91	Cruisers, Houseboats	3	11.6 x 11	353-64103-0		142005	
55 HP	81 - 88	18'-15' Bts.-All Loads, Skis	3	11.5 x 13	353-64105-0		142006	
60 HP	86 Thru	18'-15' Bts.-All Loads, Skis	3	12 1/2 x 13				013024
70 HP	81 Thru	17'-14' Bts.-All Loads, Skis	3	11 x 15	353-64107-0		142007	
		17'-14' Bts.-All Loads, Skis	3	12 1/4 x 15				013010
		15'-13' Bts.-All Loads, Skis	3	10.7 x 16.4	353-64108-0		142008	
		15'-13' Bts.-All Loads, Skis	3	11 3/4 x 17				013026
		14'-12' Bts.-All Loads, Skis	3	10.9 x 17.6	353-64109-0		142009	
		14'-12' Bts.-All Loads, Skis	3	11 1/4 x 19				013032
90 HP	87 Thru	24'-20' Bts.-All Loads, Skis	3	13.5 x 14.6	3B7-64532-0		142010	
115 HP**	92 Thru	24'-20' Bts.-All Loads, Skis	3	13 3/4 x 15				103025
120 HP	88 Thru	19'-17' Bts.-All Loads, Skis	3	13.5 x 15.7	3B7-64536-0		142011	
140 HP	88 Thru	19'-17' Bts.-All Loads, Skis	3	13 1/4 x 17				103026
** (Tohatsu only)		18'-16' Bts.-All Loads, Skis	3	12.9 x 17.6	3B7-64541-0		142012	
		18'-16' Bts.-All Loads, Skis	3	13 x 19				103027
		18'-15' Bts.-All Loads, Skis	3	12.6 x 19.9	3B7-64545-0		142013	
		18'-15' Bts.-All Loads, Skis	3	12 3/4 x 21				103028

Motor & Model	Year	Boat Size & Recommendation	Blids.	Dia. & Pitch	ALUMINUM		STAINLESS STEEL	
					Nearest Suzuki Equiv.	Michigan Part No.	Nearest Suzuki Equiv.	Michigan Part No.
DT9.9 DT15 DT15C	83-87 83-88 89 Thru	14'-20' Bts. - All Loads 14'-18' Bts. - All Loads 14'-16' Bts. - All Loads	3	9- 1/4 x 7 9- 1/4 x 9 9- 1/4 x 11	58100-93703-019 58100-93723-019 58100-93743-019	062015 062016 062017		
DT20, 25 • DT 20, 25 DT 25C DT 30 • DT 30/30C DT 30C	83-86 87-88 89 Thru 83-86 87-88 89 Thru	18'-16' Bts. - All Loads 16'-14' Bts. - All Loads 16'-14' Bts. - Light Loads	3	10-1/4 x 11 10-1/4 x 12 10-1/4 x 13	58100-96420-019 58100-96430-019 58100-96440-019	062012 062013 062014		
DT 35C DT 40 DT 50 & 50M DT 55 DT 60 DT 65	87-90 83Thru 83-84 85Thru 83-84 85 Thru	21'-18' Bts. - All Loads 19'-17' Bts. - Light Loads 18'-16' Bts. - Light Loads 17'-15' Bts. - Light Loads 16'-14' Bts. - Light Loads 15'-13' Bts. - Light Loads 14'-12' Bts. - Light Loads	3	10 1/4 x 10 12 x 11 11-3/4 x 12 11-1/2 x 13 11-1/4 x 14 11 x 15 10-3/4 x 16	58100-95212-019 PM 530 58100-95222-019 PM 527 58100-95393-019 PM 524 58100-94313-019 PM 521 58100-95353-019 PM 518 58100-95363-019 PM 515 58100-95373-019 PM 513	032045 032044 032043 032042 032041 032040 032039		
DT 75 † DT 79 † DT 90 † DT 100 † DT 115 † DT 140 †	83 Thru 79 Thru 89 Thru 89 Thru 81 Thru 81 Thru	19'-17' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 16'-14' Bts. - All Loads, Skis 16'-14' Bts. - Light Loads	3	13-3/4 x 15 13-1/4 x 17 13 x 19 13 x 21	58100-95373-019 58100-95511-019 58100-95521-019 58100-95530-019	*061001 *061002 *061003 *061004	99105-00100-16P 99105-00100-18P 99105-00100-20P 99105-00100-22P	063001 063002 063003 063004
DT 150 V-6* DT 175 V-6* DT 200 V-6* DT 225 V-6* *Includes EFI & Bass	86 Thru 86-92 86 Thru 90 Thru	19'-17' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 16'-14' Bts. - All Loads, Skis 16'-14' Bts. - Light Loads 14'-12' Bts. - Light Loads	3	14-1/2 x 15 14-1/2 x 17 14 x 19 13-3/4 x 21 13-1/2 x 23			99105-00200-16P 99105-00200-18P	\$ 063005 \$ 063006 \$ 063007 \$ 063008 \$ 063010
High Performance Propellers		42-52 46-57 50-63 54-70 50-62 55-67 60-72	3	14 1/4 x 20 14 1/4 x 22 14 1/4 x 24 14 1/4 x 26 Hole Shot 4-Blade Propellers 13 3/4 x 22 13 3/4 x 24 13 3/4 x 26			99105-00200-20P 99105-00200-22P 99105-00200-24P 99105-00200-26P	\$ 063022 \$ 063024 \$ 063026 \$ 063028 \$ 063016 \$ 063018 \$ 063020

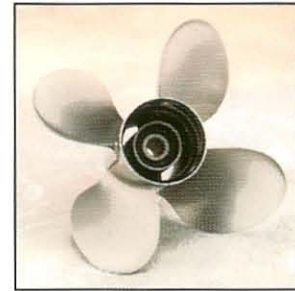
† Requires: † 57633-95501 Spacer, † 57635-95503 Stopper, † 57635-95300 Lock Washer Supplied With Engine.
 * If currently using uncupped prop, use cupped prop having 2" less pitch. Boats with power trim use same pitch.
 • Use stopper 57632-96400.
 † Use spacer A9500-109 supplied with propeller on aft end of shaft.
 † Stopper 57632-87E10., 5733-95501 Spacer, 57635-95300 Washer



Suzuki 9.9-15 HP
Aluminum



Suzuki 150-225 HP
Stainless Steel



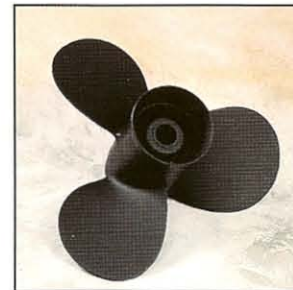
Suzuki V-6
4 Blade Stainless Steel

VOLVO-PENTA, ARCHIMEDES

Motor & Model	Year	Boat Size & Recommendation	Blids.	Dia. & Pitch	ALUMINUM		STAINLESS STEEL	
					Michigan Part No.	Michigan Part No.		
450-550-600-700	All Years	Cruisers, Houseboats Cruisers, Houseboats Cruisers, Houseboats Cruisers, Houseboats 22'-19' Bts. - All loads 19'-17' Bts. - All Loads, Skis 19'-17' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 18'-15' Bts. - All Loads, Skis 16'-14' Bts. - All Loads, Skis 16'-14' Bts. - All Loads, Skis 16'-14' Bts. - All Loads, Skis 13'-15' Bts. - Light Loads 13'-15' Bts. - Light Loads High Performance SS High Performance SS High Performance SS	4 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3	14 x 10 14 x 11 14 x 13 14 x 13 14 x 12 13-3/4 x 15 13-3/4 x 15 13-1/4 x 17 13-1/4 x 17 13-3/8 x 17 14 x 17 13 x 19 13 x 19 14 x 19 12-3/4 x 21 14 x 21 13-1/4 x 17 13-1/4 x 19 13-1/4 x 21	DQ320 PJ87 PJ79 PJ88C DQ328 PJ80 PJ89C PJ81 PJ90C PJ82 PJ91C PJ83C	012074 012047 012048 *011001 012075 012049 *011002 012050 *011003 *011024 012051 *011004 *011025 *011005 *011026		013028 013027 013029 013031
60-90-140-200-250-252	All Years	Sailboats 17'-16' Bts. - All Loads, Skis Weedless Standard Replacement	3 4 3 3	9-1/4 x 7 9 x 9 9 x 10 9 x 10	SMC39 AMC448 EWC19 PJ16	012102 012072 012076 012011		

*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	Blids.	Dia. & Pitch	ALUMINUM		STAINLESS STEEL		
					Nearest Honda Equiv.	Michigan Part No.	Nearest Honda Equiv.	Michigan Part No.	
BF 7.5	78-87	Sailboats	3	9 1/4 x 7		SMC39		012102	
BF 100		16'-14' Bts.	3	9 x 8		PJ21		012014	
BF 8	87 Thru	16'-14' Bts. - Weedless	3	9 x 8		PJ9		012006	
		16'-14' Bts. - Light Loads	3	9 x 9		PJ19		012109	
		14'-12' Bts.	3	9 x 10		PJ16		012011	
		14'-12' Bts. - Weedless	3	9 x 10		EWC19		012076	
BF 9.9	88 Thru	Heavy Loads, House Bts.	3	9-3/4 x 6-1/2	58110-ZV4-DT15			112004	
BF 15		13'-17' Bts. - All Loads	3	9-1/4 x 8				102003	
		12'-15' Bts. - All Loads	3	9-1/4 x 9	58130-ZV4-703ZB			102004	
		12'-15' Bts. - Light Loads	3	9-1/4 x 10 1/2	58130-ZV4-030ZB			102005	
BF 35	91 -94	21'-19' Bts. - All Loads, Skis	3	12 1/4 x 10	58130-ZV5-860ZA	PM530		032045	
BF 40	95 Thru	19'-17' Bts. - All Loads, Skis	3	12 x 11		PM527		032044	
BF 45	91 -94	17'-16' Bts. - All Loads, Skis	3	11 3/4 x 12	58130-ZV5-850ZA	PM524		032043	
BF 50A	95 Thru	17'-15' Bts. - All Loads, Skis	3	11 1/2 x 13	58130-ZV5-000ZA	PM521		032042	
		16'-14' Bts. - All Loads, Skis	3	11 1/4 x 14		PM518		032041	
		15'-13' Bts. - All Loads, Skis	3	11 x 15	58130-ZV5-870ZA	PM515		032040	
		14'-12' Bts. - All Loads, Skis	3	10 3/4 x 16		PM513		032039	
		17'-14' Bts. - All Loads, Skis	3	10 5/8 x 12					
		16'-14' Bts. - All Loads, Skis	3	10 1/4 x 14					
75 HP	95 Thru	25'+ Bts. - All Loads	3	14 x 11				031054	
90 HP	95 Thru	22'+ Bts. - All Loads	3	14 x 13				031055	
		24'-20' Bts. - All Loads, Skis	3	13-3/4 x 15		PM315C		031041	
		19'-17' Bts. - All Loads, Skis	3	13-1/4 x 17		PM317C		031042	
		18'-16' Bts. - All Loads, Skis	3	13 x 19		PM319C		031043	
		18'-15' Bts. - All Loads, Skis	3	12-3/4 x 21		PM321C		031044	
		18'-15' Bts. - All Loads, Skis	3	13 x 21					
		16'-14' Bts. - All Loads, Skis	3	12-1/2 x 23		PM323C		031045	



Honda 9.9-15 Aluminum

Stainless Steel 113001
Stainless Steel 113002

SSM615IIC 033016
SSM617IIC 033017
SSM619IIC 033018
SSM621IIC 033019

SEARS, ELGIN, ESKA

Motor & Model	Year	Boat Size & Recommendation	Blids.	Dia. & Pitch	ALUMINUM	
					Michigan Part No.	
3, 3.5, 3.6, 4, 4.5	70-73	Standard Replacement	2	7 1/2 x 4 1/2	G20(LH)	072017
5 HP (Sears)	88 Thru	Standard Replacement	3	7 1/4 x 5 1/2	PC112	072123
5-5 1/2-7-7 1/2 HP	60-73	Standard Replacement	2	7 1/2 x 5 1/2	G30(LH)	152014
7 1/2 HP (Sears)	88 Thru	14'-12' Bts.-Light Loads	3	8 x 9	PC28	072122
9.9-15 HP (Sears)	87 Thru	Standard Replacement	2	8 x 8 3/4	PC12	072024
		Standard Replacement	3	8 1/8 x 8 1/4	PC20	072026
		16'-14' Bts.-Light Loads	3	8 1/4 x 6	PC24	072121
		Aux.-Work Boats	3	8 1/4 x 4 1/2	PC26	072125
12-14 HP	60-70	Standard Replacement	3	8 1/4 x 8 1/2	AMC535(LH)	152003

WARD'S SEA KING

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

Motor & Model	Year	Boat Size & Recommendation	ALUMINUM				STAINLESS STEEL		
			Blds.	Dia. & Pitch	Nearest Yamaha Equiv.	Michigan Part No.	Nearest Yamaha Equiv.	Michigan Part No.	
6 HP	86 Thru	General Usage	3	8-1/2 x 6-1/2	6G1-45947-00-EL	102001			
8 HP	84 Thru	General Usage	3	8-1/2 x 7-1/2	6G1-45943-00-EL	102002			
8 HP	76-83	24'-20" Bts. - Sailboats	3	8-1/4 x 6-1/2		SMC12	012100		
		16'-14" Bts. - All Loads, Skis	3	8-1/4 x 8		PJ11	012008		
		16'-14" Bts. - Light Loads	3	8-1/4 x 9		SMC18	012101		
9.9 HP	84 Thru	13'-17" Bts. - Heavy Loads	3	9-1/4 x 8	683-45947-00-EL	102003			
15 HP	84 Thru	12'-15" Bts. - All Loads	3	9-1/4 x 9	683-45945-00-EL	102004			
		12'-15" Bts. - All Loads	3	9-1/4 x 10 1/2	683-45943-00-EL	102005			
15A & W15 HP 20 HP 25 HP	76-83	Houseboats, Sailboats	3	9-1/4 x 7	650-45943-01-36	SMC39	012102		
	76-78	14'-12" Bts. - Heavy Loads	3	9 x 10	651-45947-00-36	PJ16	012011		
	77-79	14'-12" Bts. - Light Loads	3	9-1/4 x 11	653-45941-01-36	PJ18	012013		
		14'-12" Bts. - All Loads, Skis	3	9-1/4 x 12		PJ15	012010		
25-C25-CV25 HP	80 Thru	18'-16" Bts. - All Loads, Skis	3	9-7/8 x 9	664-45941-01-EL	PM39	022001		
28 HP	76-78	17'-14" Bts. - All Loads, Skis	3	9-7/8 x 10-1/2	664-45945-00-EL	PM40	022002		
30-C30-CV30 HP Flow-Thru Exhaust	79 Thru	16'-13" Bts. - Light Loads	3	9-3/8 x 12	664-45954-00-EL	PM42	022003		
40-C40-CV40 HP	84 Thru	22'-19" Bts. - Light Loads	3	12-1/4 x 10		PM530	032045		
E48HP	95 Thru	19'-17" Bts. - All Loads, Skis	3	12 x 11	663-45947-02-EL	PM527	032044		
50-CV50-Pro 50 HP	84 Thru	18'-15" Bts. - All Loads, Skis	3	11-3/4 x 12	6H5-45952-00-EL	PM524	032043		
55, C55 HP	76 Thru	17'-16" Bts. - All Loads, Skis	3	11-1/2 x 13	6H5-45945-00-EL	PM521	032042		
60-Pro 60 HP	76-91	16'-14" Bts. - Light Loads	3	11-1/4 x 14	663-45958-01-EL	PM518	032041		
		15'-13" Bts. - Light Loads	3	11 x 15	6H5-45943-00-EL	PM515	032040		
		14'-12" Bts. - Light Loads	3	10-3/4 x 16	663-45949-01-EL	PM513	032039		
80 HP	1977	See Mercury on Page 10 for available propellers							
80-90-115	78-83	25' + Bts. - All Loads	3	14 x 11			031054		
140 HP	78-79	22' + Bts. - All Loads	3	14 x 13			031055		
		24'-20" Bts. - All Loads, Skis	3	13-3/4 x 15	PM315C	031041	SSM615IIC	033016	
		19'-17" Bts. - All Loads, Skis	3	13-1/4 x 17	PM317C	031042	SSM617IIC	033017	
		18'-16" Bts. - All Loads, Skis	3	13 x 19	PM319C	031043	SSM619IIC	033018	
		18'-15" Bts. - All Loads, Skis	3	12-3/4 x 21	PM321C	031044	SSM621IIC	033019	
		16'-14" Bts. - All Loads, Skis	3	12-1/2 x 23	PM323C	031045			
Pro 60 HP	92 Thru	24'-20" Bts. - All Loads, Skis	3	13-3/4 x 15	6E5-45947-00-EL	PY315C	101001	688-45978-60-98 SSY615IIC	103025
E60 HP	95 Thru	19'-17" Bts. - All Loads, Skis	3	13-1/4 x 17	6E5-45945-01-EL	PY317C	101003	688-45930-01-98 SSY617IIC	103026
70 HP	84 Thru	18'-16" Bts. - All Loads, Skis	3	13 x 19	6E5-45941-00-EL	PY319C	101005	688-45970-03-98 SSY619IIC	103027
C75 HP	94 Thru	18'-15" Bts. - All Loads, Skis	3	12-3/4 x 21	6E5-45943-00-EL	PY321C	101007	688-45972-02-98 SSY621IIC	103028
E75 HP	95 Thru								
C85, CV 85 HP	91 Thru								
90 HP	84 Thru								
115-C115-Pro V 115HP	84 Thru								
115 SW	95 Thru								
130 HP	84 Thru								
130 SW	95 Thru								
150-200 HP	79-83	Cruisers, Houseboats	3	16 x 11		PM211C	031021		
175 HP V-6	78-79	Cruisers, Houseboats	3	16 x 13		PM213C	031022		
		20'-24" Bts. - All Loads, Skis	3	15-1/4 x 15		PM215C	031023		
		20'-22" Bts. - All Loads, Skis	3	14-1/2 x 15				SSM 245C	033002
		19'-21" Bts. - All Loads, Skis	3	14-1/2 x 17		PM217C	031024	SSM 247C	033003
		18'-20" Bts. - All Loads, Skis	3	14 x 19		PM219C	031025	SSM 249C	033004
		18'-19" Bts. - All Loads, Skis	3	13-3/4 x 21		PM221C	031026	SSM 251C	033005
		17'-19" Bts. - All Loads, Skis	3	13-1/2 x 23		PM223C	031027	SSM 253C	033006
150 HP V-6	86 Thru	20'-22" Bts. - All Loads, Skis	3	15-1/4 x 15	6G5-45941-00-98	PY415C	101010		
175 HP V-6	84 Thru	19'-21" Bts. - All Loads, Skis	3	14-1/2 x 17	6G5-45947-01-98	PY417C	101011	6G5-45978-02-98 SSY717C	103018
200 HP V-6	84 Thru	18'-20" Bts. - All Loads, Skis	3	14 x 19	6G5-45945-01-98	PY419C	101012	6G5-45974-02-98 SSY719C	103020
V-6 Special (220 HP)	84-85	18'-19" Bts. - All Loads, Skis	3	13-3/4 x 21	6G5-45943-01-98	PY421C	101013	6G5-45972-02-98 SSY721C	103022
225 EXCEL (225 HP)	87-88								
225 HP V-6	86 Thru								
250 HP V-6	90 Thru								

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

Model	Year	Boat Size (MPH)	Mat'l	Blds.	Dia. & Pitch	Michigan Part No.
150 HP V-6	86 Thru	28'-24" Twin (40-48)	S.S.	3	15 x 19 (LH)	103003
175 HP V-6	84 Thru	28'-24" Twin (40-48)	S.S.	3	15 x 19 (RH)	103004
200 HP V-6	84 Thru	24'-22" Twin (45-53)	S.S.	3	14 1/2 x 21 (LH)	103005
V-6 Special (220 HP)	84-85	24'-22" Twin (45-53)	S.S.	3	14 1/2 x 21 (RH)	103006
225 EXCEL (225 HP)	87-88					
225 HP V-6	86 Thru					
250 HP V-6	90 Thru					

(Counter-Rotating)
Includes: Saltwater & Pro-V

THE EDGE II™ (High Performance Propellers)

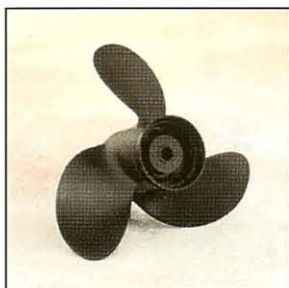
Model	Year	Boat Speed (MPH)	Nearest Equiv. Part No.	Matl.	Blades	Dia. & Pitch	Michigan Part No.
150 HP V-6	86 Thru	42-52	MAR-VMAX3-06-20	S.S.	3	14 1/4 x 20	103036
175 HP V-6	84 Thru	45-55	MAR-VMAX3-06-22	S.S.	3	14 1/4 x 22	103038
200 HP V-6	84 Thru	50-60	MAR-VMAX3-06-24	S.S.	3	14 1/4 x 24	103040
V-6 Special (220 HP)	84-85	54-66	MAR-VMAX3-06-26	S.S.	3	14 1/4 x 26	103042
225 EXCEL (225 HP)	87-88						
225 HP V-6	86 Thru						
250 HP	90 Thru						

Includes: Saltwater & Pro-V

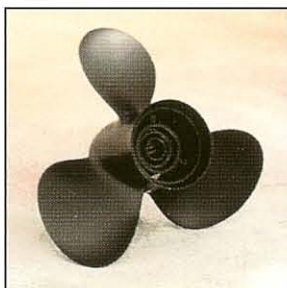
High Performance Hole Shot 4-Blade Propellers

Model	Year	Boat Speed (MPH)	Nearest Equiv. Part No.	Matl.	Blades	Dia. & Pitch	Michigan Part No.
150 HP V-6	86 Thru	50-62	MAR-VMAX4-06-22	S.S.	4	13 3/4 x 22	103030
175 HP V-6	84 Thru	55-67	MAR-VMAX4-06-24	S.S.	4	13 3/4 x 24	103032
200 HP V-6	84 Thru	60-72	MAR-VMAX4-06-26	S.S.	4	13 3/4 x 26	103034
V-6 Special (220) HP	84-85						
225 EXCEL (225 HP)	87-88						
225 HP V-6	86 Thru						
250 HP V-6	90 Thru						

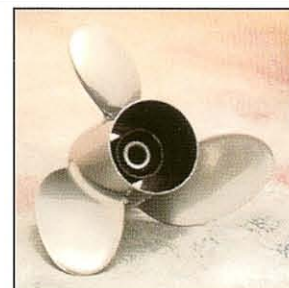
Includes: Saltwater & Pro-V



Yamaha 9.9-15 HP
Aluminum



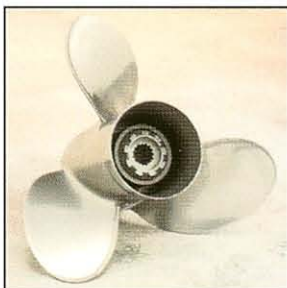
Yamaha 40-50 HP
Aluminum



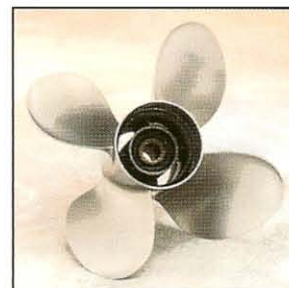
Yamaha Edge II
High Performance Stainless Steel



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	Matl.	Michigan Part No.	Motor & Model	Year	Blds.	Dia. & Pitch	Matl.	Michigan Part No.
McCulloch, Scott, Aero												
12 - 14.1 HP	60-73	Standard Replacement	3	8 1/4 x 8 1/2		AMC535(LH)						152003
CLINTON							WESTBEND-WIZARD (CHRYSLER)					
7.5,9,9.9 HP	73-78	PJ11	3	8 1/4 x 8	Al.	012008	5-5 1/2-6 HP	47-48	2	7 1/2 x 7 1/2	Al.	152015
Full Shift							7 1/2-8 HP	49-55	2	7 1/2 x 8 1/2	Al.	152017
ELGIN												
5-5 1/2-6 HP	47-55	G40(LH)	2	7 1/2 x 7 1/2	Al.	152015						
5 1/2 HP	56-59	GC54	2	7 1/2 x 7	Al.	072018						
7 1/2 HP	49-55	G50(LH)	2	7 1/2 x 8 1/2	Al.	152017						
7 1/2 HP	56-59	GC55	2	8 x 8	Al.	072019						

Motor & Model	Year	Boat Size & Speed (MPH)	Blks.	Dia. & Pitch	ALUMINUM			STAINLESS STEEL	
					Nearest OMC Equiv.	Michigan Part No.	Nearest OMC Equiv.	Michigan Part No.	
2.3 Litre (120 HP) 400	Thru 91	Workboat (6-16)	3	14 x 11	382761 PJ87	012047			
2.5 Litre (120 HP) 400	78-84	Houseboats, Lt. Cruisers (14-26)	3	14 x 13	391668 PJ88C	011001			
3.0 Litre (140 HP) 400	Thru 89	22'-19' (24-37)	3	13-3/4 x 15	391198 PJ89C	011002	389949 SST II®	013028	
3.0 Litre (140 HP) 400	78-84	20'-17' (30-45)	3	13-1/4 x 17	391199 PJ90C	011003			
2.3 Litre (128 HP) Cobra	88-91	20'-17' (30-45)	3	13-3/8 x 17			389948 SST II®	013030	
2.5 Litre (120 HP) Cobra	85-87	20'-17' (30-45)	3	14 x 17	176214	011024			
3.0 Litre (140 HP) Cobra	85-87	19'-16' (36-50)	3	13 x 19	390896 PJ91C	011004	389510 SST II®	013033	
3.0 Litre (130 HP) Cobra	Thru 89	19'-16' (36-50)	3	14 x 19	176215	011025			
		18'-15' (41-53)	3	12-3/4 x 21	389788 PJ83C	011005	389512 SST II®	013034	
		18'-15' (41-55)	3	14 x 21	176216	011026			
		High Performance (44-52)	3	13 1/4 x 17			394758 Raker™	013027	
		High Performance (48-58)	3	13 1/4 x 19			394759 Raker™	013029	
		High Performance (54-65)	3	13 1/4 x 21			394760 Raker™	013031	

OMC COBRA™ /MODEL 800

Motor-Model-Ratio	Year	Boat Size & Speed (MPH)	RH		Mat'l.	Blks. Dia. & Pitch	LH**	
			OMC Equiv.	OMC Equiv.			Part No.	Part No.
3.0 Litre (130, 150 HP) 1.86:1	90-93	Non-Plane Hvy. Cruisers			PJ199C Alum.	3 15-1/2 x 10	011015	
3.2 Litre (205 HP) Diesel	92-93	Non-Plane Hvy. Cruisers	387158		PJ200 Alum.	3 15-1/2 x 13	012059	
3.8 Litre (170, 185 HP)	78-85	Non-Plane Hvy. Cruisers	391536		PJ200C Alum.	3 15-1/2 x 13	011016	
4.3 Litre (175, 205 HP)	85-93	26'-22' (22-32)	391535		PJ201C Alum.	3 15-1/2 x 15	011006	
5.0 Litre (185, 200, 225, 230 HP)	78-93	24'-19' (28-35)	174926	174927 SST II®	S.S.	3 15 x 15	013052	013051
5.8 Litre (235 HP)	89-93	24'-18' (30-39)	391200		PJ 202C Alum.	3 15 x 17	011007	
		24'-18' (30-39)	391290	431930 SST II®	S.S.	3 15 x 17	013044	013043
		20'-17' (36-44)	391201		PJ203C Alum.	3 14-1/2 x 19	011008	
		20'-17' (36-44)	389924	390821 SST II®	S.S.	3 14-1/2 x 19	013046	013045
		19'-16' (40-49)	391202		PJ204C Alum.	3 14-1/4 x 21	011009	
		19'-16' (40-49)	389923	390822 SST II®	S.S.	3 14-1/4 x 21	013048	013047
		20'-15' (45-56)	391203		PJ205C Alum.	3 14-1/4 x 23	011010	
		20'-15' (45-56)	389019	390823 SST II®	S.S.	3 14-1/4 x 23	013050	013049
		45-57 MPH	394753	398502 Raker™	S.S.	3 14 1/4 x 20	013054	013055
		48-62 MPH	394754	398503 Raker™	S.S.	3 14 1/4 x 22	013056	013057
		52-66 MPH	394755	398504 Raker™	S.S.	3 14 1/4 x 24	013058	013059
		65+ MPH	394756	398505 Raker™	S.S.	3 14 1/4 x 26	013060	013061
5.7 Litre (240, 250, 260 HP)	78-93	Heavy Cruisers (25-32)	391536		PJ200C Alum.	3 15-1/2 x 13	011016	
5.7 Litre (270 HP) King Cobra	88-93	28'-22' (30-37)	391535		PJ201C Alum.	3 15-1/2 x 15	011006	
5.8 Litre (240, 265 HP)	92-93	26'-19' (33-39)	174926	174927 SST II®	S.S.	3 15 x 15	013052	013051
5.8 Litre (285, 290 HP) King Cobra	92-94	26'-19' (35-46)	391200		PJ202C Alum.	3 15 x 17	011007	
7.4 Litre (330, 370 HP) King Cobra	90-94	26'-19' (35-46)	391290	431930 SST II®	S.S.	3 15 x 17	013044	013043
7.4 Litre (300, 330 PHP*)	95 Thru	24'-18' (40-52)	391201		PJ203C Alum.	3 14-1/2 x 19	011008	
7.5 Litre (335, 340 HP) King Cobra	87-90	24'-18' (40-52)	389924	390821 SST II®	S.S.	3 14-1/2 x 19	013046	013045
8.2 Litre (420 HP) King Cobra	92-93	22'-17' (46-60)	391202		PJ204C Alum.	3 14-1/4 x 21	011009	
		22'-17' (46-60)	389923	390822 SST II®	S.S.	3 14-1/4 x 21	013048	013047
		High Perf. (51-66)	391203		PJ205C Alum.	3 14-1/4 x 23	011010	
		High Perf. (51-66)	389019	390823 SST II®	S.S.	3 14-1/4 x 23	013050	013049
		45-57 MPH	394753	398502 Raker™	S.S.	3 14 1/4 x 20	013054	013055
		48-62 MPH	394754	398503 Raker™	S.S.	3 14 1/4 x 22	013056	013057
		52-66 MPH	394755	398504 Raker™	S.S.	3 14 1/4 x 24	013058	013059
		65+ MPH	394756	398505 Raker™	S.S.	3 14 1/4 x 26	013060	013061
"Heavy-Duty Special" Hard to Plane Boats Thru Hub Exhaust		28'-24' Twin (50-58) 22'-20' Single (50-58)			SSO821C S.S.	3 14-1/2 x 21	013017	013023
					SSO821C S.S.	3 14-1/2 x 21	013017	

** For Twin Engine Installations, Increase pitch 4". * PHP = Prop Shaft Horsepower

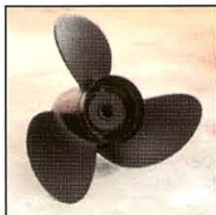
OMC COBRA™ (94 Thru) / Volvo Penta SX Drive™

Motor-Model	Year	Boat Size & Speed (MPH)	VOLVO No.	OEM No.	Mat'l.	Blks.	Dia. & Pitch	Michigan Part No.	
								OMC Equiv.	OMC Equiv.
3.0 L (120)	1994	28-24' (26-36)	3850299-3	3850299	Alum.	3	15-1/2R15	161001	
3.0 L (135)	94 Thru	28-24' (26-36)	3850305-3	3850305	SST II® S.S.	3	15R15	163002	
4.3 L (160, 185)	94 Thru	28-24' (26-36)	3850315-7	3850315	SST II® S.S.	3	15L15		163001
5.0 L (215)	1994	27-20' (34-44)	3850300-9	3850300	Alum.	3	15R17	161002	
5.0 L (190, 220)	94 Thru	27-20' (34-44)	3850307-4	3850307	SST II® S.S.	3	15R17	163004	
5.7 L (225)	1994	27-20' (34-44)	3850316-5	3850316	SST II® S.S.	3	15L17		163003
5.8 L (230)	94 Thru	22-17' (39-50)	3850301-7	3850301	Alum.	3	14-1/2R19	161003	
5.8 L (235, 255)	94 Thru	22-17' (39-50)	3850308-2	3850308	SST II® S.S.	3	14-1/2R19	163006	
5.8 L (275) King & FSJ	95 Thru	22-17' (39-50)	3850317-3	3850317	SST II® S.S.	3	14-1/2L19		163005
		20-16' (44-57)	3850302-5	3850302	Alum.	3	14-1/4R21	161004	
		20-16' (44-57)	3850309-0	3850309	SST II® S.S.	3	14-1/4R21	163008	
		20-16' (44-57)	3850318-1	3850318	SST II® S.S.	3	14-1/4L21		163007
		20-16' (48-62)	3850310-8	3850310	SST II® S.S.	3	14-1/4R23	163010	
		20-16' (48-62)	3850319-9	3850319	SST II® S.S.	3	14-1/4L23		163009

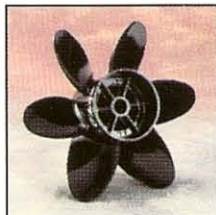
* PHP = Prop shaft horsepower

Motor-Model-Ratio	Year	Boat Size & Speed (MPH)	RH	LH**	Mat'l	Bllds.	Dia. & Pitch	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	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	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	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	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	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	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	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	011009	
		28'-25' Twin(42-54)	389923	390822 SST II®		S.S.	3 14-1/4 x 21	013048	013047
		25'-23' Twin(50-62)	391203		PJ205C	Alum.	3 14-1/4 x 23	011010	
		25'-23' Twin(50-62)	389019	390823 SST II®		S.S.	3 14-1/4 x 23	013050	013049
"Heavy-Duty Special Applications" (Hard to Plane Boats)						S.S.	3 14-1/2 x 21	013017	013023
		22'-20' Single(45-53)				S.S.	3 14-1/2 x 21	013017	
1.6 Litre 115 HP (V-4) 2:1	82 Thru	Barges, Houseboats (1-18)	382761		PJ87	Alum.	3 14 x 11	012047	
1.8 Litre 140 HP (V-4) 2:1	87 Thru	26'+(14-28)	391668		PJ88C	Alum.	3 14 x 13	011001	
		26'-22'(24-26)	391198		PJ89C	Alum.	3 13-3/4 x 15	011002	
		26'-22'(24-36)	389949	SST II®		S.S.	3 13-3/4 x 15	013028	
		22'-19'(30-42)	176214			Alum.	3 14 x 17	011024	
		22'-19'(30-42)	391199		PJ90C	Alum.	3 13-1/4 x 17	011003	
		22'-19'(30-40)	389948	SST II®		S.S.	3 13-3/8 x 17	013030	
		20'-17'(38-50)	176215			Alum.	3 14 x 19	011025	
		20'-17'(38-50)	390896		PJ91C	Alum.	3 13 x 19	011004	
		20'-17'(38-50)	389510	SST II®		S.S.	3 13 x 19	013033	
		18'-15'(44-56)	176216			Alum.	3 14 x 21	011026	
		18'-15'(44-56)	389788		PJ83C	Alum.	3 13 x 21	011005	
		18'-15'(44-56)	389512	SST II®		S.S.	3 12-3/4 x 21	013034	
		High Perf. (30-42)	394758	Raker™		S.S.	3 13 1/4 x 17	013027	
		High Perf. (38-50)	394759	Raker™		S.S.	3 13 1/4 x 19	013029	
		High Perf. (44-56)	394760	Raker™		S.S.	3 13 1/4 x 21	013031	

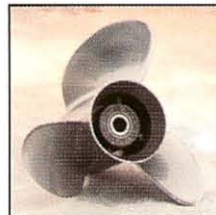
** For Twin Engine Installation, Increase Pitch 4"



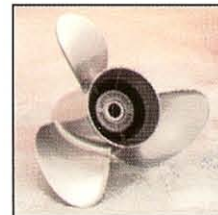
OMC Cobra/ Sea Drive Aluminum



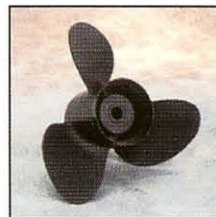
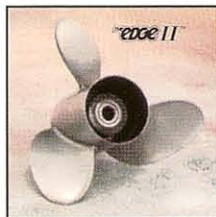
6 Gun Composite Propeller see page 23



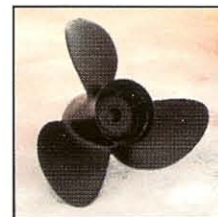
OMC/Volvo Penta SX Cobra™ Stainless Steel LH & RH



OMC Cobra/Sea Drive High Performance Stainless Steel Equivalent to OMC Raker™



OMC Cobra (1994 Thru) Volvo SX Drive Aluminum



OMC Cobra/Sea Drive Model 400 Aluminum

OMC SAILDRIVE

Right Hand Part No.	Dia. & Pitch	Bllds.	Metal	Michigan Part No.
PJ41	10 1/2 x 10	3	Alum.	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	Bllds.	Metal	Michigan Part No.
PR115	382676	14 x 11	3	Alum.	012089
PR118	382017	14 x 12	3	Alum.	012090
PR120	381185	14 x 14	3	Alum.	012091
PR122	381186	14 x 16	3	Alum.	012092
PR124	381187	14 x 18	3	Alum.	012093
PR126	383287	14 x 20	3	Alum.	012094

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

HP Range: 80 to 120. Recom.(For twin installations increase pitch 2")						
Approx. HP	Boat Length				Houseboats, Barges	Numeric
	Thru 17'	18'-21'	22'-25'	10 1/4 x 10		
80-90 HP	10 x 11	10 1/4 x 10	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	10 1/4 x 10	
	OMC Equiv. No.	Dia. & Pitch	Bllds.	Metal		
PJ75	378040	10-1/4 x 10	3	Alum.		012043
PJ76	377978	10 x 11	3	Alum.		012044
PJ77	378039	10 x 12	3	Alum.		012045
*PJ73	381446	10 x 11	3	Alum.		012041
*PJ74	379260	10 x 9-1/4	3	Alum.		012042

* small Hub Prop- use special nut part no. 302001

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

STERNDRIVE

Motor-Model-Ratio	Year	Boat Size & Speed (MPH)	Nearest Merc Equiv.	Mat'l	Blds.	Dia. & Pitch	Michigan Part No.
2.5 L (120 HP) Alpha One	86-89	Non-Plane Hvy. Cruisers	48-78112A40	PM211C	Alum.	3 16 x 11	031021
3.0 L (125,140 HP, 115 PHP*) Alpha one	86-94	Non-Plane Hvy. Cruisers	48-78114A40	PM213C	Alum.	3 16 x 13	031022
3.0 LX (135 PHP*) Alpha One 1.98:1	90 Thru	21'-26' (17-28)	48-16438A40		Alum.	3 16 x 14	031050
3.7 L (165,170 HP) Alpha One 1.84:1	86-89	21'-26' (18-31)	48-16312A4	SSM245C	S.S.	3 14 1/2 x 15	033002
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	031023
120 (120 HP) Mercruiser 1.98:1	83-85	19'-23' (26-34)	48-16440A40		Alum.	3 16 x 16	031051
140 (140 HP) Mercruiser 1.98:1	83-85	19'-23' (27-37)	48-16314A4	SSM247C	S.S.	3 14 1/2 x 17	033003
170 (170 HP) Mercruiser 1.84:1	1985	19'-23' (27-37)	48-78118A40	PM217C	Alum.	3 14 1/2 x 17	031024
185 (185 HP) Mercruiser 1.84:1	1985	17'-21' (32-39)	48-11324A40		Alum.	3 15 1/2 x 18	031052
190 (190 HP) Mercruiser 1.84:1	1985	17'-21' (33-42)	48-16316A4	SSM249C	S.S.	3 14 x 19	033004
470 (170 HP) Mercruiser 1.65:1/1.84:1	83-84	17'-21' (33-42)	48-78120A40	PM219C	Alum.	3 14 x 19	031025
488 (188 HP) Mercruiser 1.65:1/1.84:1	83-84	Up to 19' (37-46)	48-16318A4	SSM251C	S.S.	3 13 3/4 x 21	033005
		Up to 19' (37-46)	48-78122A40	PM221C	Alum.	3 13 3/4 x 21	031026
		Up to 18' (40-50)	48-16320A4	SSM253C	S.S.	3 13 1/2 x 23	033006
		Up to 18' (40-50)	48-78124A40	PM223C	Alum.	3 13 1/2 x 23	031027
4.3 L (175,185 HP, 155 PHP**) Alpha one	86-92	Non-Plane Hvy. Cruisers	48-78112A40	PM211C	Alum.	3 16 x 11	031021
4.3 L (160 PHP*) Alpha one 1.84:1	93 Thru	Houseboats (8-26)	48-78114A40	PM213C	Alum.	3 16 x 13	031022
4.3 LX (205 HP, 175 PHP*) Alpha one	86-92	23'-27' (18-31)	48-16438A40		Alum.	3 16 x 14	031050
4.3 LX (180 PHP*) Alpha one 1.84:1	93 Thru	23'-28' (19-38)	48-16312A4	SSM245C	S.S.	3 14 1/2 x 15	033002
5.0 L (200 HP, 180 PHP*) Alpha one 1.65:1	86-92	23'-28' (19-38)	48-78116A40	PM215C	Alum.	3 15 1/4 x 15	031023
5.0 L (190 PHP*) Alpha one 1.65:1	93 Thru	22'-26' (26-35)	48-16440A40		Alum.	3 16 x 16	031051
5.0 LX (230 HP, 205 PHP*) Alpha one 1.5:1	86 Thru	21'-26' (29-45)	48-16314A4	SSM247C	S.S.	3 14 1/2 x 17	033003
200/205 (200, 205 HP) Mercruiser 1.65:1	1985	21'-26' (29-45)	48-78118A40	PM217C	Alum.	3 14 1/2 x 17	031024
230 (230 HP) Mercruiser 1.50:1	1985	21'-25' (34-42)	48-11324A40		Alum.	3 15 1/2 x 18	031052
898/228 (198, 228 HP) Mercruiser 1.50:1	83-84	19'-25' (35-49)	48-16316A4	SSM249C	S.S.	3 14 x 19	033004
5.7 L (260 HP, 230 PHP*) Alpha one 1.50:1	86-92	19'-25' (35-49)	48-78120A40	PM219C	Alum.	3 14 x 19	031025
5.7 L (235 PHP*) Alpha one 1.50:1	93 Thru	17'-23' (41-56)	48-16318A4	SSM251C	S.S.	3 13 3/4 x 21	033005
5.7 L EFI (250 PHP*) Alpha One 1.5:1	95 Thru	17'-23' (41-56)	48-78122A40	PM221C	Alum.	3 13 3/4 x 21	031026
260 (260 HP) Mercruiser 1.32:1/1.50:1	83-85	Up to 20' (47-62)	48-16320A4	SSM253C	S.S.	3 13 1/2 x 23	033006
350 Magnum (270 HP, 240 PHP*) Alpha one 1.5:1	87-91	Up to 20' (47-62)	48-78124A40	PM223C	Alum.	3 13 1/2 x 23	031027
350 Magnum (250 PHP*) Alpha one 1.5:1	92 Thru	47-55 MPH	48-16546A41 Laser II™	Edge II	S.S.	3 14 1/4 x 20	033060
454 Magnum (330 HP) Alpha one 1.32:1	1987	49-63 MPH	48-16548A41 Laser II™	Edge II	S.S.	3 14 1/4 x 22	033062
		56-65 MPH	48-16550A41 Laser IIT™	Edge II	S.S.	3 14 1/4 x 24	033064
		58-75 MPH	48-16552A41 Laser II™	Edge II	S.S.	3 14 1/4 x 26	033066
			48-16545A41 Laser II™ (LH)	Edge II	S.S.	3 14 1/4 x 20 (LH)	033061
			48-16547A41 Laser II™ (LH)	Edge II	S.S.	3 14 1/4 x 22 (LH)	033063
			48-16549A41 Laser II™ (LH)	Edge II	S.S.	3 14 1/4 x 24 (LH)	033065
			48-19709A40 Laser II™ (LH)	Edge II	S.S.	3 14 1/4 x 26 (LH)	033067
V-8 Thru 365 HP Twin Engine (365 HP Max.)	83 Thru	22'-25' (48-55)		SSM312C	S.S.	3 14 1/2 x 21(RH)	033022
					S.S.	3 14 1/2 x 21(LH)	033027

CAUTION: Standard Trim Tab is 316404; standard thrust washer 13171. Mercruiser 1 props (1982 and before) on this stern drive require thrust washer 56292A2.
*PHP= prop shaft horsepower. NOTE: (For twin engines increase pitch 4".)

MERCURISER BRAVO ONE™ / MAGNUM SERIES STERNDRIVE

High-Performance Propellers

Motor-Model	Year	Boat Size & Speed (MPH)	Nearest Merc Equiv.	Mat'l	Blds.	Dia. & Pitch	Michigan Part No.
5.7L EFI (250PHP*) Alpha 1**	95 Thru	22'-25' Bts.-All Loads, Skis	48-13700A41 Mirage™	S.S.	3	15-1/4 x 19	033030
5.7L EFI (250PHP*) Bravo 1	95 Thru	21'-23' Bts.-All Loads, Skis	48-13702A41 Mirage™	S.S.	3	14-3/4 x 21	033032
350 Magnum Alpha 1**	87 Thru	Up to 22' Bts.-All Loads, Skis	48-13704A41 Mirage™	S.S.	3	14-5/8 x 23	033034
350 Magnum Bravo 1 EFI/MP (265PHP*)	95 Thru	Up to 22' Bts.-Light Loads	48-13706A41 Mirage™	S.S.	3	14-1/2 x 25	033036
HP 320 EFI Bravo 1 (320 HP)	88-89						
D3.0 L/D183 Diesel (150 HP, 140 PHP*)	90-94						
D3.6 L/D219 Diesel (180 HP, 170 PHP*)	90 Thru						
D4.2 L/D254 Diesel (200 PHP*)	91 thru						
Rubber Hub Insert Thru 365 HP							
7.4L Bravo 1	88 Thru	25'-30' Bts.-All Loads	48-13700A41 Mirage™	S.S.	3	15-1/4 x 19	033030
454 Magnum Alpha 1** (330 HP)	87	23'-27' Bts.-All Loads, Skis	48-13702A41 Mirage™	S.S.	3	14-3/4 x 21	033032
454 Magnum Bravo 1 (365HP, 350, 360 PHP*)	88 Thru	22'-25' Bts.-All Loads, Skis	48-13704A41 Mirage™	S.S.	3	14-5/8 x 23	033034
Rubber Hub Insert Thru 365 HP		21'-24' Bts.-All Loads, Skis	48-13706A41 Mirage™	S.S.	3	14-1/2 x 25	033036
454 Magnum Bravo 1 EFI/MP (385 PHP*)	95 Thru	26'-32' Bts.-All Loads, Skis	48-13242A50 Mirage™	S.S.	3	15-1/4 x 19	033052
502 Magnum Bravo 1 (390/410 PHP*)	90-92	24'-30' Bts.-All Loads, Skis	48-13244A50 Mirage™	S.S.	3	14-3/4 x 21	033054
502 Magnum Bravo 1 EFI/MP (415 PHP*)	93 Thru	23'-28' Bts.-All Loads, Skis	48-13246A50 Mirage™	S.S.	3	14-5/8 x 23	033056
HP 450 Bravo 1 (425 PHP*)	95 Thru	21'-26' Bts.-All Loads, Skis	48-13248A50 Mirage™	S.S.	3	14-1/2 x 25	033058
HP 465 Bravo 1 (445 PHP*)	91-94						
HP 500 Bravo 1 (465, 470, 475 PHP*)	93 Thru						
HP 500 Bravo 1 Bulldog (470 PHP*)	95 Thru						
HP 525SC Bravo 1 (490 PHP*)	92 Thru						
Solid Hub for over 365 HP							
Counter-Rotating (LH) Propellers Rubber Hub Insert Thru 365 HP			48-13701A41 Mirage™	S.S.	3	15-1/4 x 19	033029
			48-13703A41 Mirage™	S.S.	3	14-3/4 x 21	033031
			48-13705A41 Mirage™	S.S.	3	14-5/8 x 23	033033
			48-13707A41 Mirage™	S.S.	3	14-1/2 x 25	033035
Counter-Rotating (LH) Propellers Solid Hub for over 365 HP			48-13241A50 Mirage™	S.S.	3	15-1/4 x 19	033051
			48-13243A50 Mirage™	S.S.	3	14-3/4 x 21	033053
			48-13245A50 Mirage™	S.S.	3	14-5/8 x 23	033055
			48-13247A50 Mirage™	S.S.	3	14-1/2 x 25	033057

* PHP= Prop shaft horsepower. ** These Propellers require the use of anodic plate (76214) or high performance trim tab (46399A1) 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.

MERCURY MERCUISER™ 1A, 1B, 1C, 120, 140, 145 DTS, 165, 228, 470, 485, 888, 898, 225S, 233, 255 TRS, 260, 280 TRS (THRU 1982)

HP Range: 110 to 280. Recom. (For twin installations increase pitch 2')
(Old style-shift plate on back of engine or transom plate thrust hub 56292)

Approx. HP	Boat Length			
	Thru 17'	18'-20'	21'-22'	23'25'
110-120 HP	15 x 23C	15-1/4 x 21C	15-1/2 x 19C	15-3/4 x 17C
140HP (1.68:1 GEAR)	15-1/4 x 21C	15-1/2 x 19C	15-3/4 x 17C	16 x 15C
140HP (1.98:1 GEAR)	15 x 23C	15-1/4 x 21C	15-1/2 x 19C	15-3/4 x 17C
150-165-170HP	15 x 23C	15-1/4 x 21C	15-1/2 x 19C	15-3/4 x 17C
185-188-198-225-228-233HP	15 x 23C	15-1/4 x 21C	15-1/2 x 19C	15-3/4 x 17C
225-280HP	15 x 23C	15-1/4 x 21C	15-1/2 x 19C	15-3/4 x 17C

RH Part No.	Nearest Merc. Equiv. Dia. & Pitch	Blds.	Metal	Part No.
SMC504C	48-36020A4 16 x 13	3	Alum.	031034
SMC374C	48-79570A4 16 x 15	3	Alum.	031035
SMC376C	48-79572A4 15-3/4 x 17	3	Alum.	031036
SSM350C	15-3/4 x 17	3	S.S.	033007
SMC378C	48-79574A4 15-1/2 x 19	3	Alum.	031037
SSM354C	15-1/2 x 19	3	S.S.	033008
SMC380C	48-79576A4 15-1/4 x 21	3	Alum.	031038
SSM358C	15-1/4 x 21	3	S.S.	033009
SMC382C	48-79578A4 15 x 23	3	Alum.	031039
SMC384C	48-79580A4 15 x 25	3	Alum.	031040

* Caution: Standard trim tab is 34127A1; standard thrust washer 56292A2. Black Max series props used on these drives will require trim tab 316404 and thrust washer 13171.
NOTE: All Props in above listing have Cupped Blade Edges.

MERCURY BRAVO TWO™ & MERCUISER™ II (THRU 1989)

For twin installations increase pitch 2'

Merc. Equiv. No.	Dia & Pitch	Rotation	Blds.	Metal	Boat Length		Part No.
					22'-28'	25'-30'	
					19 1/2 x 21	19 3/4 x 19	20 x 17
48-77900A10	19-1/2 x 21	RH	3	Alum.			032117
48-77901A10	19-1/2 x 21	LH	3	Alum.			032118
48-77898A10	19-3/4 x 19	RH	3	Alum.			032115
48-77899A10	19-3/4 x 19	LH	3	Alum.			032116
48-77896A10	20 x 17	RH	3	Alum.			032113
48-77897A10	20 x 17	LH	3	Alum.			032114

MERCURY MERCUISER™ MODEL O

HP Range: 60 HP. Recom. (For twin installations increase pitch 2')

Merc. Equiv. No.	Dia & Pitch	Blds.	Metal	Part No.	Boat Length	
					Thru 17'	18'-21'
					10 1/4 x 15	10 1/4 x 13
					10 1/4 x 11	10 1/4 x 9
					10 1/8 x 9	
					Houseboats, Barges	
PR31	48-32194A1 10 1/4 x 9	3	Alum.	032083		
PR33	48-33774A1 10 1/4 x 10	3	Alum.	032084		
PR35	48-38098A1 10 1/4 x 11	3	Alum.	032085		
PR37	48-38094A1 10 1/4 x 12	3	Alum.	032086		
PR39	48-38090A1 10 1/4 x 13	3	Alum.	032087		

MERCURY MERCUISER™ II

HP Range: 170 to 325. Recom. (For twin installations increase pitch 2')

Aluminum Props Only

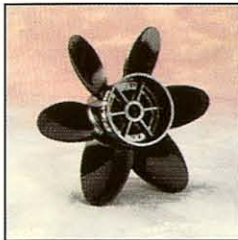
Mich. Part No. LH	Nearest Merc. Equiv. LH	Mich. Part No. RH	Nearest Merc. Equiv. LH	Dia. & Pitch	Blds.
		SMC802	032106	48-49974A4	16 x 25 3
SMC807 032109	48-33879A4			16 3/4 x 21	3

MERCURY MERCUISER™ I ('62-'63) MERCUISER™ 80,90

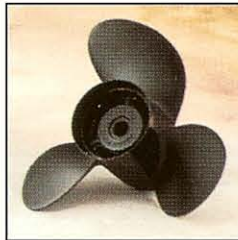
HP Range: 80 to 140. Recom. (For twin installations increase pitch 2')

Approx. HP	Boat Length			
	Thru 17'	18'-21'	22'-25'	Houseboats, Barges
80-90-HP	13 x 15	13 x 13	13 x 11	13 x 11
110 HP	13 x 17	13 x 15	13 x 13	13 x 11
140 HP	13 x 21	13 x 19	13 x 17	13 x 15

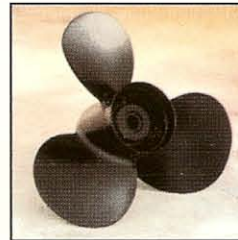
RH Part No.	Nearest Merc. Equiv.	Dia. & Pitch	Blds.	Metal	Part No.
PR151	48-35936A3	13 x 11	3	Alum.	032089
PR153	48-58826A3	13 x 13	3	Alum.	032090
PR155	48-32390A3	13 x 15	3	Alum.	032091
PR157	48-65022A1	13 x 17	3	Alum.	032092
PR159	48-65024A1	13 x 19	3	Alum.	032093
PR161	48-67280A1	13 x 21	3	Alum.	032094



GAL 6 Gun Composite Propeller
see page 23



Alpha One
Stern Drive Aluminum



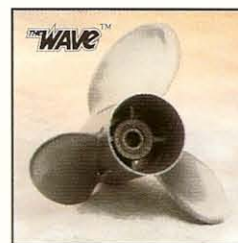
Wide Blade Propeller
for the Alpha One Drive



Large Diameter Aluminum
for Mercruiser Drive



Alpha One High Performance Stainless Steel RH & LH Stern Drive
Equivalent to Laser II™



Bravo One High Performance Stainless Steel RH & LH Stern Drive
Equivalent to Quicksilver Mirage™

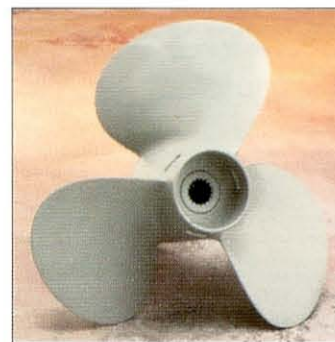


VOLVO-PENTA AQUAMATIC 200, 250, 270, 275, 280, 290, SP

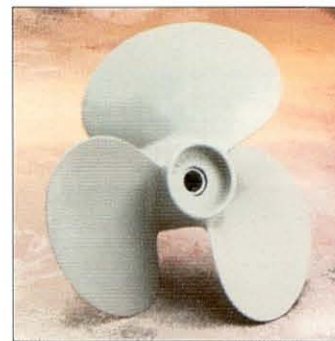
STERNDRIVE

HP Range: 110 to 290. (For twin installations increase pitch 2°)

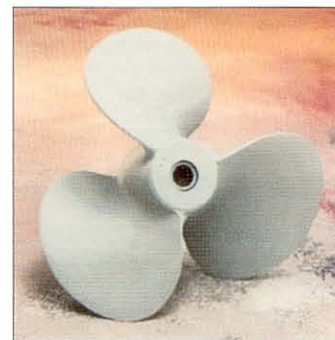
Approx. HP	Drive Ratio	Thru 17'	Boat Length		Houseboats Barges	
			18' - 21'	22' - 25'		
110-145 HP	1.35:1	14 x 15	14 x 12			
	1.62:1	14 x 17	14 x 15	14 x 15	15 x 11	
	2.15:1	14 x 19	14 x 17	14 x 17	15 x 13	
150-185 HP	1.35:1	14 x 17	14 x 17	15 x 13	15 x 11	
	1.61:1	14 x 21	14 x 21	15 x 17	15 x 15	
	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. Mtl	
Long Hub Propellers						
**¶082001	854285-4	**¶082002	854286-2	14 x 17	3 Al.	
		**¶084006		14 x 17	3 S.S.	
**¶082003	854978-4	**¶082004	854993-3	14 x 19	3 Al.	
		**¶084008		14 x 19	3 S.S.	
**¶082009	851138-8	**¶082010	851139-6	14 x 21	3 Al.	
**¶082011	854982-6	**¶082012	854997-4	15 x 17	3 Al.	
**¶082013	854983-4	**¶082014	854998-2	15 x 19	3 Al.	
**¶082015	850866-5	**¶082016	850867-3	15 x 21	3 Al.	
** 082089	854986-7			16 x 13	3 Al.	
** 082091	854987-5	** 082090	872001-3	16 x 15	3 Al.	
** 082093	854988-3	** 082092	872002-1	16 x 17	3 Al.	
¶SSV171C ** 083001	852086-8	¶SSV172C ** 083002	852155-1	15 1/4 x 17	3 S.S.	
¶SSV191C ** 083003	852085-0	¶SSV192C ** 083004	852138-7	15 x 19	3 S.S.	
¶SSV211C ** 083005	852087-6	¶SSV212C ** 083006	852137-9	14 1/2 x 21	3 S.S.	
Standard Hub Propellers						
SMC556	*082081			14 x 12	3 Al.	
SMC570	*082083			14 x 14	3 Al.	
SMC338	*082025	SMC339	*082026	814631-8	14 x 15	3 Al.
SMC342	*082027	SMC343	*082028	814632-6	14 x 17	3 Al.
SMC346	*082031	SMC347	*082032	854146-8	14 x 19	3 Al.
SMC348	*082033	SMC349	*082034	814634-2	14 x 21	3 Al.
SMC350	*082053			14 x 23	3 Al.	
SMC592	*082085	SMC582	*082084	813297-9	15 x 11	3 Al.
SMC606	*082087	SMC604	*082086	813317-5	15 x 13	3 Al.
SMC340	*082059	SMC341	*082060	814615-1	15 x 15	3 Al.
SMC344	*082029	SMC345	*082030	854148-4	15 x 17	3 Al.
SMC293	*082021	SMC292	*082022		15 x 19	3 Al.
SMC295	*082023	SMC294	*082024		15 x 21	3 Al.
PR397	*082069			16 x 13	3 Al.	
PR409	*082075			16 x 19	3 Al.	
		PR416	*082078	16 x 23	3 Al.	



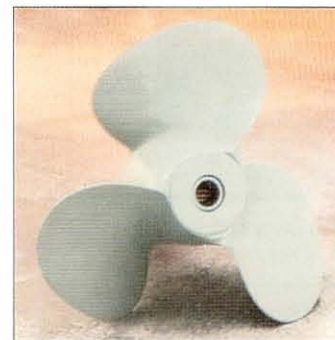
Volvo Standard Hub Aluminum 082031



Volvo Long Hub Aluminum 082091



Volvo Standard Hub Aluminum 082026



Volvo Long Hub Aluminum 082001

Volvo SX Drive Propellers - See Page 18

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

*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.

§ Will not fit a 270 stern drive

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.

Motor & Model	Year	Boat Size & Speed	Dia. & Pitch	ALUMINUM			STAINLESS STEEL			
				Blds.	Nearest Yamaha Equiv.	Michigan Part No.	Nearest Yamaha Equiv.	Michigan Part No.		
3.0 L (130 HP) EST/PSR	89 - 93	21'-26' Bts. (18-31) 19'-23' Bts. (27-37)	3	15-1/4 x 15	6G5-45941-00-98 6G5-45947-01-98	PY415C PY417C	101010 101011			
4.3 L (205 HP) EST/YEMS/PSR	89 - 93	17'-21' Bts. (33-42) Up to 19' (37-46)	3	14 x 19	6G5-45945-01-98 6G5-45943-01-98	PY419C PY421C	101012 101013	6G5-45978-02-98 6G5-45974-02-98	SSY717C SSY719C	103018 103020
5.0 L (205 HP) EST/PSR/YEMS	89 - 93	23'-28' Bts. (19-38) 21'-26' Bts. (29-45)	3	15-1/4 x 15	6G5-45941-00-98 6G5-45947-01-98	PY415C PY417C	101010 101011			
5.7L (260HP) EST/PSR/YEMS	89 - 93	19'-25' Bts. (35-49) 17'-23' Bts. (41-56)	3	14 x 19	6G5-45945-01-98 6G5-45943-01-98	PY419C PY421C	101012 101013	6G5-45978-02-98 6G5-45972-02-98	SSY717C SSY721C	103018 103022

**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**

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

LH Part No.	RH Part No.	Dia. & Pitch	Blds.	Metal
	SMC-760 072096	17 x 19	3	Alum.
	SMC-751 072098	17 x 17	3	Alum.
	SMC-769 072104	17 x 16	3	Alum.
	SMC-774 072106	17 x 12	3	Alum.
	SMC-802 032106	16 x 25	3	Alum.
SMC-807 032109		16-3/4 x 21	3	Alum.

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

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

LH Part No.	Volvo Equiv.	Dia & Pitch	Mtl
SMC921	082045 813228	14 x 12	Al.
SMC980	082057 813226	14 x 10	Al.

CHRYSLER MODEL 300

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

	RH Part No.	Dia & Pitch	Blds.	Metal
AMC128C	071010	15 x 15	3	Alum.
AMC152C	071021	16 x 17	3	Alum.

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

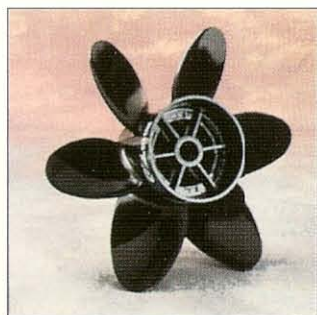
HP Range: 130-190-220 HP. Recom. (For twin installations increase pitch 2')

LH Part No.	Dia & Pitch	Blds.	Metal	LH Part No.
SMC350	14 x 23	3	Alum.	082053

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

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

	Volvo Equiv.	Dia & Pitch	Blds.	Metal	Michigan Part No.
SMC 906	806601	14 x 12	3	Alum.	082043



GAL 6 Gun Composite Propeller

Designed for the boater looking for performance improvements the **SIX GUN'S** exclusive 6 blade design provides for both more **low end power** and **quicker acceleration**. Other features and benefits are:

- Reduced Vibration due to the 6 blade design.
- Accommodates quiet thru hub exhaust.
- All the blades are individually replaceable if damaged saving on repair costs due to damage.
- No special tools are required for blade changes.
- Tough anodized aluminum hub for long life.

OMC Cobra (94 Thru) & Volvo Penta SX Drive

Dia & Pitch	Part#
14 x 15	924150
14.5 x 17	924170
14 x 19	924190
13.75 x 21	924210



***Evinrude, Johnson, & 1985-93 OMC Stern Drive**

Dia & Pitch	Part#
14 x 15	923150
14.5 x 17	923170
14 x 19	923190
13.75 x 21	923210



***Mercury, Mariner, Mercruiser**

Dia & Pitch	Part#
14 x 15	922150
14.5 x 17	922170
14 x 19	922190
13.75 x 21	922210



6 Gun Replacement Blades

Pitch-Size	Single Only	Set of Six
	Part#	Part#
15	922151-1	922151-6
17	922171-1	922171-6
19	922191-1	922191-6
21	922211-1	922211-6



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OEM#	MWC#	OEM#	MWC#	OEM#	MWC#	OEM#	MWC#
Evinrude, Johnson, OMC		381446	.012044	389923	.013048	3850310	.163010
174926	.013052	381801	.012011	389924	.013046	3850315	.163001
174927	.013051	382017	.012090	389944	.012030	3850316	.163003
174950	.012111	382676	.012089	389948	.013030	3850317	.163005
175190	.012055	382761	.012047	389949	.013028	3850318	.163007
175191	.012056	382762	.011001	390113	.013033	3850319	.163009
176214	.011024	382763	.011002	390114	.013030	Force, US Marine, Chrysler	
176215	.011025	382764	.011003	390237	.012032	48-64724A 1	.031020
176216	.011026	382765	.011004	390380	.012057	48-64724A 4	.031020
176421	.011027	382766	.011005	390821	.013047	48-73132A 4	.031015
176422	.011028	383287	.012094	390822	.013045	48-73132A40	.031015
176423	.011029	383315	.012007	390823	.013049	48-73134A 4	.031016
203120	.012001	383629	.012011	390830	.012031	48-73134A40	.031016
203682	.012001	384139	.013030	390833	.012024	48-73136A 4	.031017
203919	.012001	384140	.011005	390849	.013024	48-73136A40	.031017
204347	.012001	384141	.013034	390850	.013010	48-73138A 4	.031018
277212	.012076	384142	.013033	390851	.013026	48-73138A40	.031018
277440	.012060	384144	.013028	390852	.013032	48-73140A 4	.031019
277443	.012076	384460	.012028	390896	.011004	48-73140A40	.031019
277580	.012024	384702	.013034	391096	.012031	48-73144A 4	.031020
277581	.012024	385319	.012005	391198	.011002	48-73144A40	.031020
277583	.012076	385940	.012007	391199	.011003	48-76230A 4	.033028
277595	.012109	385955	.012023	391200	.011007	48-76230A 5	.033028
277599	.012011	386118	.012111	391201	.011008	48-79792A 4	.033001
277617	.012028	386317	.012054	391202	.011009	48-79792A 5	.033001
277759	.012007	386637	.012055	391203	.011010	48-16986A5	.033016
277896	.012033	386669	.012113	391290	.013044	48-16990A40	.033018
278155	.012033	386670	.012019	391534	.012101	48-16992A40	.033019
278194	.012026	386786	.012038	391535	.011006	48-16998A40	.033017
310208	.012002	386841	.012039	391536	.011016	48-19638A40	.031049
312286	.012003	386907	.012036	391668	.011001	48-19640A40	.031048
315858	.012003	386908	.012040	394753	.013054	48-19642A40	.031047
375605	.012109	386909	.012037	394754	.013056	48-77338A40	.031054
376072	.012060	386933	.012056	394755	.013058	48-77340A40	.031055
376506	.012076	386955	.012005	394756	.013060	48-77342A40	.031041
376732	.012024	386980	.013026	394758	.013027	48-77344A40	.031042
376735	.012109	386981	.013010	394759	.013029	48-77346A40	.031043
376737	.012076	386982	.013024	394760	.013031	48-77348A40	.031044
376777	.012060	387158	.011016	398126	.012112	48-77350A40	.031045
376805	.012011	387159	.011006	398502	.013055	48-816702A40	.031016
376841	.012109	387160	.011007	398503	.013057	48-816704A40	.031017
376917	.012028	387161	.011008	398504	.013059	48-816706A40	.031018
376968	.012060	387162	.011009	398505	.013061	48-819334A40	.072133
377410	.012023	387163	.011010	431717	.013036	48-819335A40	.072132
377632	.012060	387320	.012053	431718	.013038	48-819336A40	.072131
377635	.012007	387334	.012007	431719	.013040	48-819337A40	.072014
377636	.012011	387519	.013046	431930	.013043	48-85632A40	.031053
377978	.012044	387520	.013048	591389	.012060	48-FP19	.072017
378039	.012045	387636	.012056	591920	.012024	48-FP286-3	.072023
378040	.012043	388088	.012013	591925	.012076	48-FP372	.072033
378571	.012026	388294	.012102	591978	.012060	48-FP488	.072123
378579	.012028	388883	.012016	592038	.012076	48-FP6430	.072026
378580	.012024	389019	.013050	592063	.012060	48-FP669-1	.071035
378581	.012023	389029	.013032	592959	.012076	48-FP669-2	.071035
379260	.012042	389068	.012021	3850299	.161001	48-FP669-3	.071035
379717	.012109	389069	.012015	3850300	.161002	48-FP685-1	.071036
380104	.012004	389510	.013033	3850301	.161003	48-FP685-2	.071036
380637	.012024	389512	.013034	3850302	.161004	48-FP685-3	.071036
380958	.012005	389619	.012015	3850305	.163002	48-FP686-1	.071037
381185	.012091	389627	.012101	3850307	.163004	48-FP686-3	.071037
381186	.012092	389788	.011005	3850308	.163006	48-FP686-4	.071037
381187	.012093	389855	.012023	3850309	.163008	48-FP692-1	.072127

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OEM#	MWC#	OEM#	MWC#	OEM#	MWC#	OEM#	MWC#
Force, US Marine, Chrysler Cont.		FP685-1	.072128	48- 13243A 50	.033053	48- 30382A 1	.032013
48-FP692-2	.072127	FP686	.072129	48- 13244A 5	.033054	48- 30388A 1	.031043
48-FP692-3	.072127	FP686-1	.071037	48- 13244A 50	.033054	48- 30390A 1	.031042
48-FP694	.071038	FP686-2	.072129	48- 13245A 5	.033055	48- 30396A 1	.032089
48-FP70	.072024	FP692	.072127	48- 13245A 50	.033055	48- 30396A 3	.032089
FA282265	.072132	FP692-1	.072127	48- 13246A 5	.033056	48- 30396A 4	.032089
FA287265	.072131	FP693	.072130	48- 13246A 50	.033056	48- 31072A 4	.031043
FA317265	.072022	FP694	.071038	48- 13247A 5	.033057	48- 31080A 1	.031043
FA378265	.072132	FP695	.073009	48- 13247A 50	.033057	48- 31082A 1	.031042
FP273	.072133	FP696	.073010	48- 13248A 5	.033058	48- 31105A 1	.032013
FP274	.072014	FP699	.073007	48- 13248A 50	.033058	48- 31214A 1	.032013
FP275	.072124	FP71	.072022	48- 13700A40	.033030	48- 31454A 3	.031044
FP276	.072014	FP75	.072022	48- 13700A41	.033030	48- 31454A 4	.031044
FP277	.072131	FPM736	.031020	48- 13701A40	.033029	48- 31456A 3	.031043
FP278	.072014	FPM738	.031019	48- 13701A41	.033029	48- 31456A 4	.031043
FP282	.072132	FPM752	.033028	48- 13702A40	.033032	48- 31458A 3	.031042
FP286	.072026	FPM754	.033001	48- 13702A41	.033032	48- 31458A 4	.031042
FP287	.072131	FPM756	.031015	48- 13703A40	.033031	48- 32180A 1	.032087
FP290	.072124	FPS493	.072070	48- 13703A41	.033031	48- 32180A 4	.032087
FP293	.072132	FPS496	.073006	48- 13704A40	.033034	48- 32182A 1	.032087
FP317	.072022	FPS501	.072054	48- 13704A41	.033034	48- 32182A 4	.032087
FP318	.072021	FPS509	.073008	48- 13705A40	.033033	48- 32184A 1	.032086
FP319	.072121	FPS510	.073004	48- 13705A41	.033033	48- 32184A 4	.032086
FP324	.152002	FPS511	.073010	48- 13706A40	.033036	48- 32186A 1	.032086
FP327	.072121	FPS519	.072055	48- 13706A41	.033036	48- 32188A 1	.032085
FP328	.072014	FPS523	.072107	48- 13707A41	.033035	48- 32188A 4	.032085
FP330	.072026	FPS524	.072108	48- 16312A 4	.033002	48- 32190A 1	.032085
FP346	.072028	FPS526	.072109	48- 16312A 5	.033002	48- 32192A 1	.032084
FP366	.072014	FPS623	.072107	48- 16314A 4	.033003	48- 32192A 4	.032084
FP372	.072033	FPS625	.072108	48- 16314A 5	.033003	48- 32194A 1	.032083
FP378	.072132	FPS626	.072109	48- 16316A 4	.033004	48- 32194A 4	.032083
FP383	.072034	FPS654	.072108	48- 16316A 5	.033004	48- 32264A 3	.031042
FP389	.072032	FPS686	.072129	48- 16318A 4	.033005	48- 32264A 4	.031042
FP395	.072121	FS501265	.072054	48- 16318A 5	.033005	48- 32386A 3	.031044
FP396	.072125	PF693	.072130	48- 16320A 4	.033006	48- 32386A 4	.031045
FP408	.072026	Honda		48- 16320A 5	.033006	48- 32388A 3	.031043
FP472	.072122	58110-DT15	.112004	48- 16438A40	.031050	48- 32388A 4	.031043
FP474	.072068	58130-ZV4-000ZA	.102005	48- 16440A40	.031051	48- 32390A 3	.031041
FP475	.072114	58130-ZV4-010ZA	.102005	48- 16545A41	.033061	48- 32390A 4	.031041
FP493	.072070	58130-ZV4-020ZA	.102005	48- 16546A40	.033060	48- 32392A 3	.032090
FP496	.073006	58130-ZV4-030ZA	.102005	48- 16546A41	.033060	48- 32392A 4	.032091
FP501	.072054	58130-ZV4-030ZB	.102005	48- 16547A40	.033063	48- 32746A 3	.031044
FP509	.073008	58130-ZV4-700ZA	.102004	48- 16547A41	.033063	48- 32746A 4	.031044
FP510	.073004	58130-ZV4-701ZA	.102004	48- 16548A40	.033062	48- 32748A 3	.031043
FP511	.073010	58130-ZV4-702ZA	.102004	48- 16548A41	.033062	48- 32748A 4	.031043
FP519	.072055	58130-ZV4-703ZA	.102004	48- 16549A40	.033065	48- 32750A 3	.031043
FP520	.073001	58130-ZV4-703ZB	.102004	48- 16549A41	.033065	48- 32750A 4	.031043
FP523	.072107	58130-ZV5-000ZA	.032042	48- 16550A41	.033064	48- 33480A 1	.032135
FP524	.072108	58130-ZV5-850ZA	.032043	48- 16552A40	.033066	48- 33482A 1	.032136
FP526	.072109	58130-ZV5-860ZA	.032045	48- 16552A41	.033066	48- 33772A 1	.032084
FP527	.073005	58130-ZV5-870ZA	.032040	48- 16986A 5	.033016	48- 33772A 4	.032084
FP539	.073003	Mercury, Mariner, Mercruiser		48- 16988A 5	.033017	48- 33774A 1	.032084
FP540	.073004	48- 11070A40	.033060	48- 16990A40	.033018	48- 33774A 4	.032084
FP623	.072107	48- 11074A40	.033062	48- 16992A40	.033019	48- 33879A 1	.032109
FP654	.072108	48- 11320A40	.031050	48- 17874A12	.032140	48- 35936A 3	.032090
FP664	.073007	48- 11322A40	.031051	48- 19638A40	.031049	48- 35936A 4	.032091
FP665	.071035	48- 11324A40	.031052	48- 19640A40	.031048	48- 36008A 1	.031027
FP668	.073008	48- 13241A 5	.033051	48- 19642A40	.031047	48- 36008A 4	.031040
FP669	.071035	48- 13241A 50	.033051	48- 19709A40	.033067	48- 36010A 1	.031026
FP669-1	.071035	48- 13242A 5	.033052	48- 22575A 2	.032077	48- 36010A 4	.031027
FP682	.072127	48- 13242A 50	.033052	48- 28037A 1	.032025	48- 36012A 1	.031052
FP685	.072128	48- 13243A 5	.033053	48- 29658A 4	.031043	48- 36012A 4	.031026

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OEM#	MWC#	OEM#	MWC#	OEM#	MWC#	OEM#	MWC#
Mercury, Mariner, Mercruiser Cont.		48- 56236A 1	.032099	48- 65024A 1	.031043	48- 74604A 4	.033058
48- 36012A 5	.031052	48- 56236A 4	.032099	48- 65024A 4	.031043	48- 74872A 4	.031024
48- 36014A 1	.031051	48- 56242A 1	.032097	48- 65480A 1	.031027	48- 74874A 4	.031025
48- 36014A 4	.031052	48- 56242A 4	.032097	48- 65480A 4	.031040	48- 74876A 4	.031026
48- 36016A 1	.031050	48- 56244A 1	.032097	48- 65588A 1	.031043	48- 74886A 4	.031052
48- 36016A 4	.031051	48- 56244A 4	.032097	48- 65588A 4	.031044	48- 74888A 4	.031026
48- 36018A 1	.031022	48- 56246A 1	.032097	48- 65736A 1	.031044	48- 75058A 4	.033006
48- 36018A 4	.031050	48- 56246A 4	.032097	48- 65736A 4	.031045	48- 75138A 4	.031022
48- 36020A 1	.031022	48- 56252A 1	.032100	48- 65748A 1	.031042	48- 75160A 4	.031027
48- 36020A 4	.031022	48- 56254A 1	.032099	48- 65748A 4	.031043	48- 75724A 4	.033006
48- 36022A 4	.031022	48- 56254A 4	.032099	48- 65992A 1	.031052	48- 75724A 5	.033006
48- 36028A 1	.031040	48- 56258A 1	.032097	48- 65992A 4	.031026	48- 75760A 4	.031023
48- 37320A 1	.032013	48- 56258A 4	.032097	48- 66432A 1	.031051	48- 75784A 4	.031040
48- 37902A 4	.031043	48- 56260A 1	.032097	48- 66432A 4	.031052	48- 76230A 4	.033028
48- 38090A 1	.032087	48- 56260A 4	.032097	48- 66450A 4	.031051	48- 76230A 5	.033028
48- 38094A 1	.032086	48- 57262A 1	.032117	48- 66452A 4	.031050	48- 77338A 4	.031054
48- 38094A 4	.032087	48- 57263A 1	.032118	48- 67280A 1	.031044	48- 77338A40	.031054
48- 38098A 1	.032085	48- 58422A 1	.031051	48- 67280A 4	.031044	48- 77340A 4	.031055
48- 38098A 4	.032086	48- 58422A 4	.031052	48- 67874A 4	.031027	48- 77340A40	.031055
48- 42518A10	.032137	48- 58424A 1	.031052	48- 68555A 4	.033051	48- 77342A 4	.031041
48- 42518A11	.032137	48- 58424A 4	.031026	48- 68556A 4	.033052	48- 77342A40	.031041
48- 42520A10	.032138	48- 58426A 1	.031026	48- 68557A 4	.033053	48- 77344A 4	.031042
48- 42520A11	.032138	48- 58426A 4	.031027	48- 68558A 4	.033054	48- 77344A40	.031042
48- 42520A12	.032138	48- 58826A 3	.032090	48- 68560A 4	.033056	48- 77346A 4	.031043
48- 42522A10	.032139	48- 58826A 4	.032091	48- 69260A 1	.032115	48- 77346A40	.031043
48- 42522A11	.032139	48- 61812A 1	.032045	48- 69262A 1	.032117	48- 77348A 4	.031044
48- 42522A12	.032139	48- 61812A 4	.032045	48- 72764A 4	.033017	48- 77348A40	.031044
48- 43584A40	.031049	48- 61814A 1	.032044	48- 72764A 5	.033017	48- 77350A 4	.031045
48- 43586A40	.031048	48- 61814A 4	.032044	48- 73132A 4	.031015	48- 77350A40	.031045
48- 43590A40	.031047	48- 61816A 1	.032043	48- 73132A40	.031015	48- 77896A 1	.032113
48- 45890A 1	.032013	48- 61816A 4	.032043	48- 73134A 4	.031016	48- 77896A10	.032113
48- 47670A 1	.032020	48- 61818A 1	.032042	48- 73134A40	.031016	48- 77897A 1	.032114
48- 47670A 3	.032020	48- 61818A 4	.032042	48- 73136A 4	.031017	48- 77897A10	.032114
48- 47670A10	.032020	48- 61820A 1	.032041	48- 73136A40	.031017	48- 77898A 1	.032115
48- 47922A 1	.032021	48- 61820A 4	.032041	48- 73138A 4	.031018	48- 77898A10	.032115
48- 47922A10	.032021	48- 61822A 1	.032040	48- 73138A40	.031018	48- 77899A 1	.032116
48- 47926A 1	.032019	48- 61822A 4	.032040	48- 73140A 4	.031019	48- 77899A10	.032116
48- 47926A10	.032019	48- 61824A 1	.032039	48- 73140A40	.031019	48- 77900A 1	.032117
48- 49632A 3	.031043	48- 61824A 4	.031020	48- 73144A 4	.031020	48- 77900A10	.032117
48- 49632A 4	.031044	48- 62274A 1	.032045	48- 73144A40	.031020	48- 77901A 1	.032118
48- 49634A 1	.031052	48- 62274A 4	.032045	48- 73500A 4	.031021	48- 77901A10	.032118
48- 49634A 4	.031026	48- 63303A 1	.032114	48- 73502A 4	.031022	48- 78112A 4	.031021
48- 49974A 1	.032106	48- 63304A 1	.032113	48- 73504A 4	.031023	48- 78112A40	.031021
48- 52008A 3	.031044	48- 63305A 1	.032116	48- 73506A 4	.031024	48- 78114A 4	.031022
48- 52008A 4	.031045	48- 63306A 1	.032115	48- 73508A 4	.031025	48- 78114A40	.031022
48- 52012A 3	.031045	48- 63454A 1	.032100	48- 73510A 4	.031026	48- 78116A 4	.031023
48- 53892A 3	.031044	48- 63456A 1	.032099	48- 73512A 4	.031027	48- 78116A40	.031023
48- 53892A 4	.031044	48- 63456A 4	.032099	48- 73514A 4	.031040	48- 78118A 4	.031024
48- 53896A 3	.031043	48- 63494A 1	.032014	48- 73980A 4	.033004	48- 78118A40	.031024
48- 53896A 4	.031043	48- 63494A10	.032014	48- 73980A 5	.033004	48- 78120A 4	.031025
48- 53900A 3	.031042	48- 63538A 1	.032039	48- 73982A 4	.033005	48- 78120A40	.031025
48- 53900A 4	.031042	48- 63540A 1	.032040	48- 73982A 5	.033005	48- 78122A 4	.031026
48- 54723A 1	.032114	48- 63542A 1	.032041	48- 74266A 4	.033004	48- 78122A40	.031026
48- 54724A 1	.032113	48- 63542A 4	.032041	48- 74268A 4	.033005	48- 78124A 4	.031027
48- 54725A 1	.032116	48- 63544A 1	.032042	48- 74597A 4	.033051	48- 78124A40	.031027
48- 54726A 1	.032115	48- 63544A 4	.032042	48- 74598A 4	.033052	48- 79568A 4	.031022
48- 54727A 1	.032118	48- 63546A 4	.032043	48- 74599A 4	.033053	48- 79570A 4	.031050
48- 54727A 4	.032118	48- 64724A 1	.031020	48- 74600A 4	.033054	48- 79572A 4	.031051
48- 56232A 1	.032100	48- 64724A 4	.031020	48- 74601A 4	.033055	48- 79574A 4	.031052
48- 56234A 1	.032099	48- 65022A 1	.031042	48- 74602A 4	.033056	48- 79576A 4	.031026
48- 56234A 4	.032099	48- 65022A 4	.031042	48- 74603A 4	.033057	48- 79578A 4	.031027

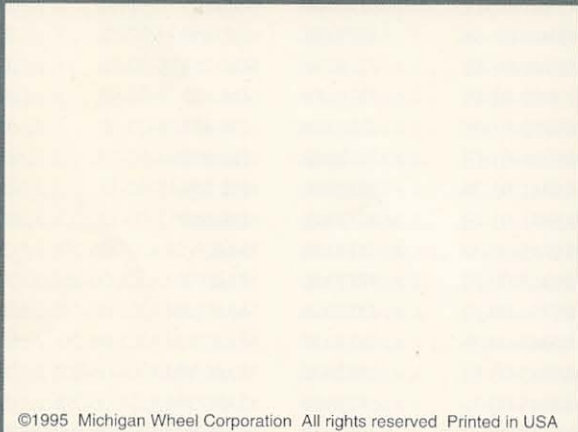
MICHIGAN WHEEL CROSS REFERENCE FILES 1996

OEM#	MWC#	OEM#	MWC#	OEM#	MWC#	OEM#	MWC#
Mercury, Mariner, Mercruiser Cont.		99105-00100-22P	.063004	851035-6	.082089	688-45930-01-98	.103026
48-79580A 4	.031040	99105-00200-16P	.063005	851037-2	.082091	688-45930-60-98	.103026
48-79792A 4	.033001	99105-00200-18P	.063006	851038-0	.082090	688-45970-01-98	.103027
48-79792A 5	.033001	99105-00200-20P	.063022	851039-8	.082093	688-45970-02-98	.103027
48-79794A 4	.033003	99105-00200-22P	.063024	851040-6	.082092	688-45970-03-98	.103027
48-79794A 5	.033003	99105-00200-24P	.063026	851124-8	.082011	688-45972-01-98	.103028
48-79830A 4	.033003	99105-00200-26P	.063028	851125-5	.082012	688-45972-02-98	.103028
48-80955M	.012013	Tohatsu & Nissan		851138-8	.082009	688-45978-60-98	.103025
48-81645M	.022002	346-64102-5	.142022	851139-6	.082010	6E5-45941-00-36	.101005
48-81647M	.022001	346-64104-5	.142024	852085-0	.083003	6E5-45941-00-EL	.101005
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48-82763	.012100	348-64102-0	.142003	852087-6	.083005	6E5-45943-00-EL	.101007
48-82764	.012008	348-64103-0	.142004	852137-9	.083006	6E5-45945-00-36	.101003
48-82766	.012101	353-64103-0	.142005	852138-7	.083004	6E5-45945-00-EL	.101003
48-82767	.012102	353-64105-0	.142006	852155-1	.083002	6E5-45945-01-EL	.101003
48-82768	.012011	353-64107-0	.142007	854146-8	.082032	6E5-45947-00-36	.101001
48-82769	.012013	353-64108-0	.142008	854147-6	.082031	6E5-45947-00-EL	.101001
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48-85632A 4	.031053	361-64113-0	.142001	854149-2	.082029	6E5-45970-10-98	.103036
48-85632A40	.031053	361-64114-0	.142002	854285-4	.082001	6E5-45972-10-00	.103040
48-86848A 4	.031048	362-64102-0	.142017	854286-2	.082002	6E5-45972-10-98	.103040
48-86962A 4	.032136	362-64105-0	.142015	854288-8	.082003	6E5-45976-10-00	.103038
48-88438A 4	.033003	362-64108-0	.142019	854289-6	.082004	6E5-45976-10-98	.103038
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48-89852A 4	.031049	3B7-64545-0	.142013	854983-4	.082013	6G1-45943-00-EL	.102002
48-89854A 4	.031047	Volvo		854986-7	.082089	6G1-45947-00-EL	.102001
48-93272A 4	.033002	3850299-3	.161001	854987-5	.082091	6G5-45941-00-36	.101010
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