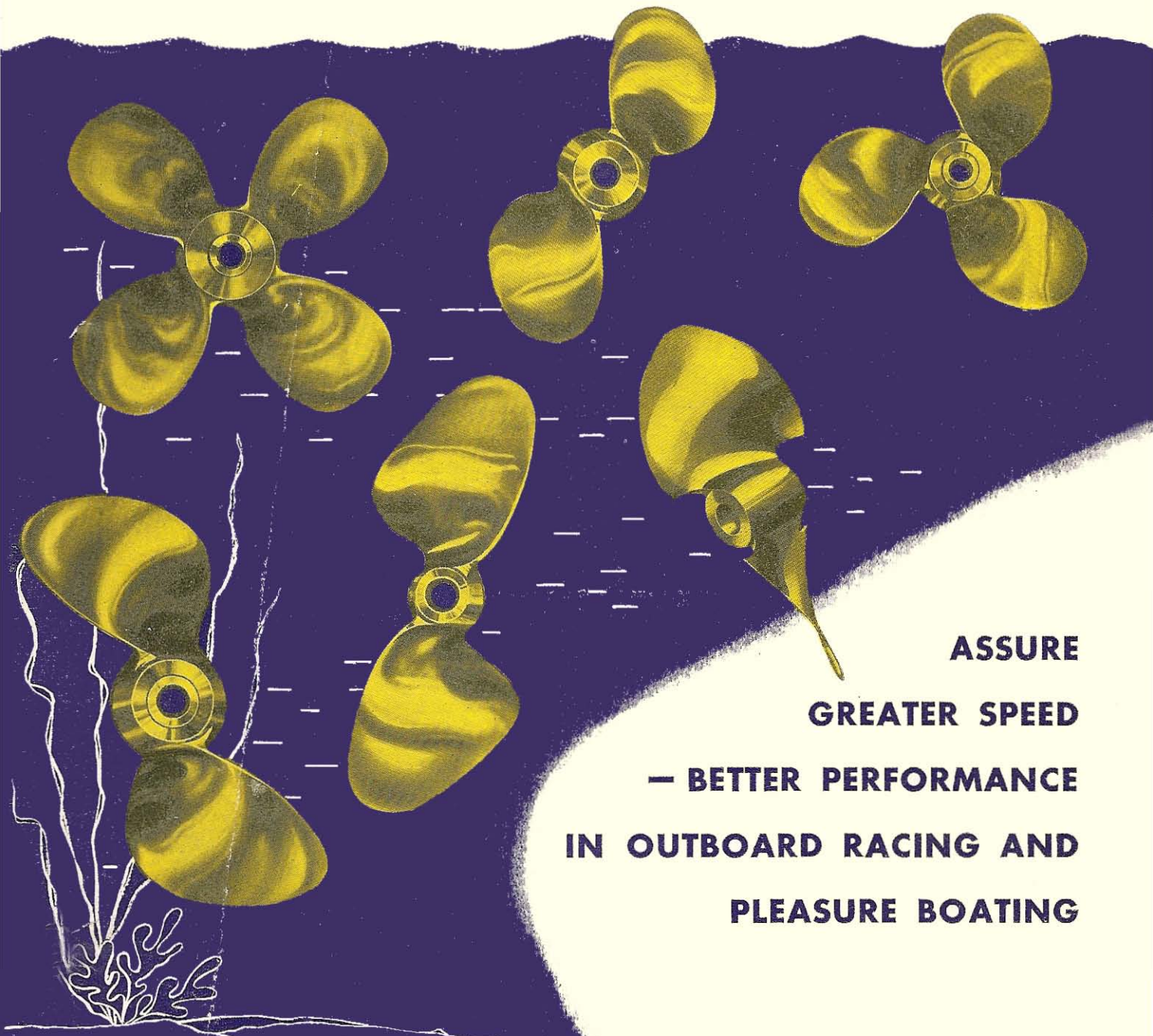


# MICHIGAN *MACHINED-PITCH* PROPELLERS



**ASSURE  
GREATER SPEED  
— BETTER PERFORMANCE  
IN OUTBOARD RACING AND  
PLEASURE BOATING**



# CONTINUOUS TESTING TO INSURE MAXIMUM PERFORMANCE UNDER ALL CONDITIONS

When you buy a Michigan propeller, you may be sure that you are getting a wheel which is not simply built on some theoretical hopes of giving you more speed and better performance, but a propeller which has proven its ability for top performance under the most exacting tests devised.

Michigan Wheel Company maintains an outdoor testing laboratory on Grand River, just a short distance from the

factory, where newly developed propellers are tested and matched to individual motors under various boat and load conditions. The laboratory contains complete engineer's testing and proving facilities, including a fleet of boats, and all the popular makes of outboard motors. A winter testing ground in the South is used during the winter months.

Here every make and model of outboard motor is matched with the propeller which will give it maximum efficiency under actual running conditions. These conditions include variations of boat size, design, and load.

Each testing engineer runs an average of 150 miles a day, the year around. Results are measured with precision accuracy by the finest scientific instruments.

Testing is considered complete only when decidedly superior results have been obtained and both the engineering and field staffs are thoroughly satisfied that maximum performance has been reached. This often means very long, exhaustive testing periods, as much as six weeks for a single propeller.

The recommendations contained in the Propeller Selector Charts on the following pages are founded on the soundest possible basis and can be relied on to give you the ultimate in performance. To insure getting the best possible results, be sure to read the seven check points pertaining to your boat and motor.

*At Michigan's Outdoor Testing Laboratory where a fleet of boats and models of all modern motors are employed, test engineers run an average of 150 miles every day. Data thus obtained insures the outstanding performance of all Michigan wheels.*

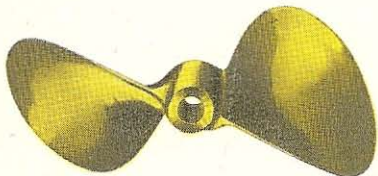


*Seven propellers with variations so slight the average layman would be unable to detect them. All will be tested to determine the one that gives maximum effectiveness for the given motor, hull and load.*



## "AQUA-JET"

Michigan AQUA-JET propellers are deluxe two-blade wheels, designed to produce highest speeds in both pleasure and racing craft. A wide selection of sizes enable boat owners to precisely match propeller to motor and meet individual boat and load requirements.



## A TREMENDOUSLY SUCCESSFUL WHEEL FOR STOCK BOAT RACING

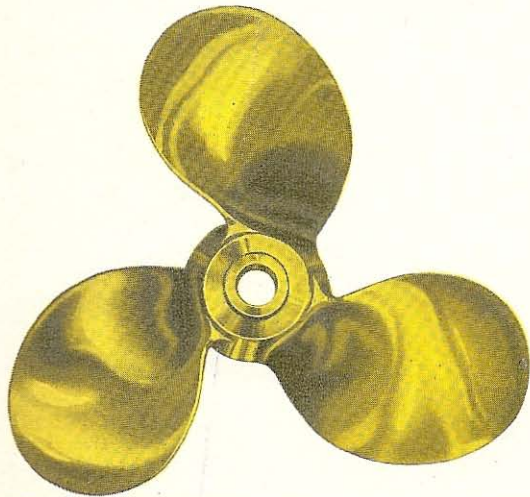
AQUA-JET propellers are made of both durable aluminum-magnesium and Michalloy hi-strength bronze. With racing edges and perfect balance, Michigan AQUA-JETS are finished with a lustrous polished surface.

For gear shift motors, Michigan AQUA-JET propellers are equipped with shock absorber Cushion-Hubs which give protection to gear shift mechanism and reduce shearing of pins.

Propeller sizes shown on the following pages are scientifically determined to assure correct and safe RPM ranges.

Precision fit, workmanship, and materials of Michigan propellers are thoroughly guaranteed. There is no guarantee provision against blade fracture, however, because of the conditions to which these specialized racing wheels are subjected. AQUA-JET propellers are available for medium and larger models of all well known motors. The AQUA-JET'S great popularity testifies to its proven abilities as a truly fast speed wheel.

## "AQUA-MASTER"



## IDEAL PROPELLER FOR THE LARGER MOTORS IN USE ON THE AVERAGE RUNABOUT, UTILITY OR FAMILY BOAT!

A few years ago Michigan introduced the Outboard version of our highly popular inboard "AQUA-MASTER." It immediately became recognized as the most sensationally performing propeller ever offered for general service motors. In the following pages many new "AQUA-MASTERS" will now be found listed, and the range has been expanded to include motors down to the 5 h.p. jobs of some makes. Any owner of a motor of this size using a well designed runabout or utility certainly owes it to himself to own one of these propellers. It will provide better boat speeds, smoother performance and more flexible operation under varying load conditions. Furthermore the "AQUA-MASTER" is more sturdy in design and construction. It tends to deflect or ward off drift and debris with less damage to blades than would be suffered by the conventional propeller. Its usual shorter diameter and greater blade width permits its use closer to the surface, a real advantage as explained under "7 Check Points" (page 5).

## CUSHION-HUB PROPELLERS for MOTORS with GEAR SHIFTS

*Greatly reduce or eliminate pin shearing in all shifting motors*

In 1951 Michigan successfully introduced its new Cushion-Hub propellers in certain Aqua-Master wheels for use with gear shift motors. The response to this great propeller improvement was so enthusiastic that now all Michigan propellers for gear shift motors have Cushion-Hubs, which greatly reduce pin shearing. Leading motor manufacturers and boat

owners alike have experienced great satisfaction from these propellers and readily endorse them.

In the pages following, wherever "C" occurs in the part number it indicates a Cushion-Hub style propeller for Aqua-Master or Aqua-Jet. Example: AMC 260, AJC 13, etc.



## THE KEY TO BETTER OUTBOARD PERFORMANCE

This booklet is designed to aid the outboard owner in knowing whether he is getting the most from his boat and motor combinations. We want to assist him in getting as much pleasure from outboarding as possible. Practical aids in "setting up" and other problems are explained in the seven check points for better performance listed below, and our propeller recommendations are shown in the following pages.

One of the most critical factors in outboard and inboard motors is the propeller. Manufacturers, knowing the importance of propellers for successful operation, bring their propeller problems to propulsion experts . . . the Michigan Wheel Company. You, too, will find our recommendations will help you solve your propulsion problems.

### WHAT MAKES A GOOD PROPELLER?

FIRST, a propeller must be accurate to operate with maximum efficiency. Michigan's exclusive Machined-Pitch method of manufacture guarantees accuracy in every detail. This is supplemented by our 50 years of experience and unmatched facilities.

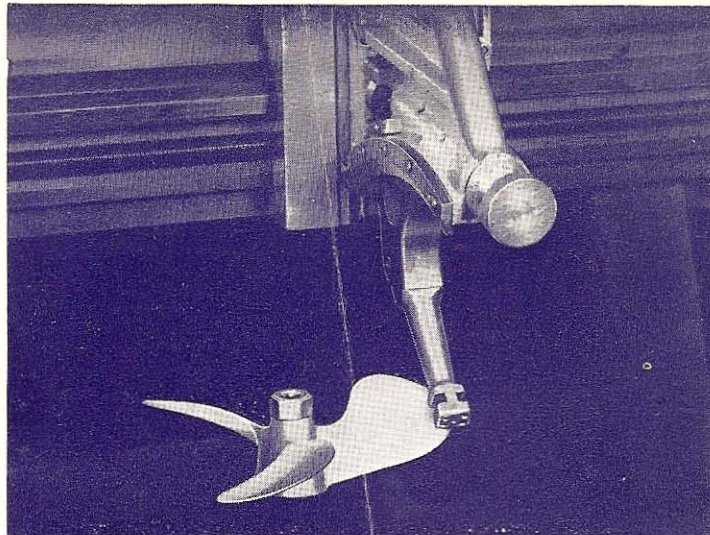
SECOND, the propeller must be of correct size and design. Because of variations in hulls and conditions, load and service requirements, the original propeller is not suitable in all cases. We, therefore, offer a range of styles and sizes, especially for larger motors, which are designed to meet the requirements of each individual case. In recommending propellers for engines with different hulls and loads, consideration has been given to the gear ratio of the lower unit, its contour, engine's power, and RPM range.

WARNING: Owners who order the highest pitch propeller listed, whether an Aqua-Jet or Aqua-Master, in the hope of going faster, seldom succeed. Boats and engines vary greatly in ability and performance, and a poor combination rarely works successfully.

NOTE: Specific results cannot be guaranteed due to variations of boats, engines, fuels, and conditions. Our information is based on the experience of our test crew with stock engines and well designed boats. For specific conditions, we invite inquiries . . . or write for our Outboard Analysis Form.

## MICHIGAN PROPELLERS GIVE MORE SPEED — WITHOUT DAMAGE

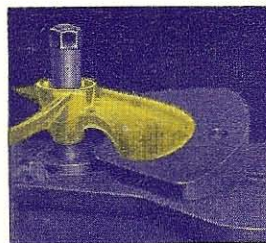
A Michigan propeller that is fitted to your boat, load, and hull requirements will provide greater speed and all-around top performance, and will *not harm your motor in any way*. In fact, it will result in less wear than the motor's original stock propeller which does not happen to fit boating conditions. Because of the varying conditions, many stock



*The Helical Planer, an exclusive development of Michigan Wheel Company, eliminates the human error element and carves the original patterns of Michigan Propellers and Pitch Blocks with unflinching precision and accuracy.*



*Boring a wheel on PITCH BLOCKS insures absolute accuracy. A perfect casting otherwise bored can be out of center and the blades badly out of track resulting in undue vibration, loss of power, etc.*



*Propeller shown at left is being checked on a PITCH BLOCK. PITCH BLOCKS have true screw surfaces carved by the helical planer and corresponding to the contours of the propellers with which they are used to check the accuracy of each and every propeller throughout the manufacturing process.*

**NO OTHER PROPELLERS ARE MADE THIS WAY**

propellers do not achieve the proper range of RPM at full throttle. This results in motor wear. It is for this reason that Michigan maintains a wide range of propeller types and sizes — to provide outboard owners with the exact propellers best suited to their individual boat requirements.



## 7 CHECK POINTS FOR IMPROVED OUTBOARD PERFORMANCE

Naturally every owner of an outboard outfit does not expect or want competitive racing speeds. However, hardly any are adverse to getting better all around performance and the following facts are presented as an aid in generally bringing up performances for those outfits where complete satisfaction is not presently being derived.

The first thought that comes to many outboarders is that a propeller change may accomplish a miracle or be a cure-all. Though of prime importance, no propeller by itself can make an outfit, inherently incorrect in one or more details, perform in competition with outfits in which all factors are ideal.

Each owner interested in greatest possible performance should check every one of the following points. Each are vital. One or more bad features in your outfit can detract as much as 10 to 50% in boat speeds and all around performance.

### 1. MOTOR TILT

Every outboard motor has an adjustment for tilt. When the motor is set on the transom with the lower unit too far forward, the boat will have a tendency to throw the bow too far into the water and over-plane the boat. This slows the boat up considerably although it will stabilize a wild boat, especially with the larger more powerful engines. For maximum racing speeds there is one point of proper motor angle and this is with the lower unit cocked back as far as possible. This can be briefly summed up as "trimming." However, no two hulls are alike and the exactly correct point can be determined only by trial and error. Motors tilted too far aft will cause propeller to cavitate.

### 2. TRANSDOM HEIGHT

No single one of these 7 factors has more effect on general performance than the proper transom height. While most manufacturers of boats provide 15" transoms and most engines operate satisfactorily on these transoms, it is definitely true that owners of some boats will gain from 1/4 to a mile or more in speed by blocking up or increasing the boat transom. For average family runabouts it is a good rule of thumb to run the anti-cavitation plate slightly below the bottom of the keel; or if there is no keel, below the bottom of the boat. Everyone interested in the last fraction of a mile for competitive racing, and this applies to hydroplanes and racing runabouts, should experiment to see how high he can run his outfit without encountering excessive cavitation when underway. It will be found harder to get up on top at the start with very highly mounted motors. There is no general rule that can be applied as motor lower units and boats vary in the ability to run high for this specialized racing service. It is readily apparent to everyone that a highly mounted motor will cause less drag or skin friction, give better shallow water operation, and safer operation on sharp

banks, since the propeller will break loose and the boat automatically straighten itself. You will also reduce back pressure with the underwater exhaust close to the surface.

### 3. THE KEEL

The purpose of a keel is to brace or stiffen the bottom, offering protection to the bottom, and on faster boats to stabilize it on the turns. Unfortunately this also adds drag and provides a route for air bubbles to flow back and be picked up by the propeller, thus greatly affecting propeller performance. This is why on some of the faster boats, intended for racing, you will find the keel inside the boat. These jobs generally are run with a fin. Where a substantial keel is built on the bottom, the aft end should be faired from an eighth to a quarter inch at the transom on a taper to about 30" forward. Fortunately most boat builders today have recognized the importance of faired keels and are sending them from the factory this way, but there are still thousands of boats in use with keels causing propeller inefficiencies.

### 4. BOAT BOTTOMS

90% of all well designed runabouts are straight line bottom boats. These have been proven definitely the most efficient and fastest. Unfortunately, however, many of these boat bottoms are not perfectly true and have built-in, or developed through use, a hook or curve which normally appears just forward of the transom. Usually the tremendous pull of a big engine or a medium size engine has drawn the bottom out of true and it has taken a permanent set. Some flexible bottom boats may straighten themselves up when out of the water but under operation be running with the hook. This hook developed in the bottom has two very serious effects in the outfit's performance.

*First*, it often is the entire reason for galloping at high speed and difficult control on the turns.

*Secondly*, it slows the boat up. If you have determined that you have an untrue boat bottom it should be straightened up.

### 5. PASSENGER WEIGHT

The average outboard is most sensitive to weight distribution. Some in fact are so sensitive that with motors of medium power, it is only by throwing weights way forward that the boat can be gotten into a plane where it will run best. In others, weights must be shifted aft. Here again variations in design, power and type of set-up will all vary so much that individuals will have to try out their own outboards and determine the weight compensation required. An excellent example of proper and improper weight distribution is offered by the owner of a flat bottom rowboat who sits in the stern, way aft, with a 5 H.P. motor and chugs along at 6 miles an hour with the bow 3' in the air. Sitting in the middle seat driving with a long handled stick he finds that he is actually able to plane out at 12 to 15 miles per hour.

*Continued on Page 6*



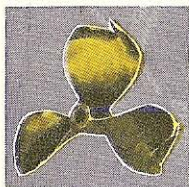
## 6. CAVITATION

Cavitation is often called the curse of outboarding. What is it? Briefly it simply is a condition where the propeller sucks air or motor gases and runs wild in the "pocket". Most cavitation is caused by the motor being tilted too far aft or too high on the transom. Other common causes of high slip or cavitation are extreme "lift" of boat on turns, a bent propeller, wrong propeller size, weeds on lower unit, etc.

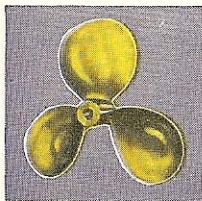
## 7. THE BOAT ITSELF

Present day manufacturers of outboard boats offer a huge range of hulls for the American outboard enthusiast to choose from. They range from various metals, plastics, solid woods and plywoods. Each has its merit. Some are intended as family pleasure boats, some as all around utility boats and some strictly as speed boats. Many of our inquiries here have to do with owners of inherently relatively slow-speed, nice family boats of good safe design who want to compete with the speed boys. While we sometimes can bring up speeds appreciably through propeller alteration or some other changes mentioned above, it certainly isn't in the cards for a 400 pound plank boat to compete with hulls designed for one purpose only, namely top speed, without thought to riding qualities or maximum stability.

## MICHIGAN'S REPAIR SERVICE FOR DAMAGED PROPELLERS



Before

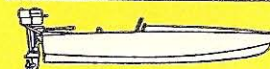


After

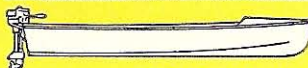
All Michigan outboard propellers can be reconditioned with complete accuracy, making it unnecessary for outboard owners to risk costly engine damage by using a propeller that is bent or out of balance. Through Michigan's careful checking and repair methods, full original efficiency can be restored to an otherwise useless propeller. Michigan maintains twenty-five factory-equipped authorized service stations located throughout the country, as well as a factory repair department, to offer this service to outboard owners. Write for the address of the service station nearest you, or mail your damaged propeller to the factory.



**ROWBOAT** — Normally limited in speed to 8 or 10 MPH regardless of power used. General purpose propeller or "AQUA-MASTER" recommended.



**RACING RUNABOUT OR UTILITY** — Primarily for competitive racing with light load. "AQUA-JET" racing propellers recommended.



**RUNABOUT OR UTILITY** — 11' to 14' — 160 to 225 lbs. "AQUA-JET" recommended for light loads. "AQUA-MASTER" recommended for medium and heavy loads.



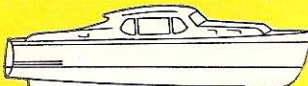
**RUNABOUT OR UTILITY** — 14' to 18' — 225 to 400 lbs. "AQUA-JET" recommended for light loads. "AQUA-MASTER" recommended for medium and heavy loads.



**HYDROPLANE** — Step bottom — For competitive racing with light load. "AQUA-JET" racing propellers recommended.



**LARGE FAMILY BOATS, WORK BOATS, etc.** — Loaded or light, heavy duty or "AQUA-MASTER" wheels recommended.



**OUTBOARD CRUISERS** — Heavy duty 4-blade or "AQUA-MASTER" wheels recommended.



# MICHIGAN PROPELLER SELECTOR AND PRICE LIST

*Prices Subject to Change Without Notice*

## ELTO

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
Ace.....	4145, 4205.....	1936-37	E22	\$ 3.30	7 x 6	AL	2	All Purpose
	4256, 4301, 4329, 4351, 4352.....		1938-39-40-41	E27	3.30	7 x 6	AL	2
Handitwin.....	4158, 4212, 4261, 4307, 4332, 4357, 4358	1936-37-38 1939-40-41	E32	3.30	7½ x 6	AL	2	All Purpose
Lightwin.....	4020.....	1934	E196	5.10	7½ x 8	AL	2	All Purpose
	4313, 4314.....	1939-40-41	E198	6.60	7¼ x 9	BR	2	JU Class Runabout — 100 lb. driver
			AM120	8.40	7½ x 6½	BR	3	14'-16" — all loads
			AM121	8.40	7½ x 7½	BR	3	Light planing boats, light load
Pal.....	4203, 4253, 4266.....	1937-38-39-40-41	E40	3.00	6 x 5	AL	2	All Purpose
Sportfour.....	9004, 9013.....	1934-35	AJ345	13.20	8¾ x 10	BR	2	BU racing runabouts
			AM45	12.00	9½ x 10	BR	3	12'-16' boats, all loads, skis
Speedster, 12 H.P.....	5101.....	1949-50	AJ23	13.20	8¾ x 10½	BR	2	AU or BU Racing class runabout
			AJ22	13.20	8¾ x 9½	BR	2	Light planing boats, light load
			AJ20	13.20	8¾ x 10	BR	2	Light planing boats, light load
			AM240	10.50	8¾ x 10½	BR	3	Light planing boats, light load
			AM241	10.50	8¾ x 10	BR	3	Light planing boats, light load
			AM242	10.50	8¾ x 9	BR	3	12'-16' boats, all loads, skis
Sportster, 5 H.P.....	4432.....	1949-50	Y10	5.10	7½ x 8	AL	2	All Purpose
			AM120	8.40	7½ x 6½	BR	3	14'-16' boats — all loads
			AM121	8.40	7½ x 7½	BR	3	Light planing boats, light load
Big Four.....	8015, 1" shaft.....	1945-50	AJ325	18.00	9½ x 14	BR	2	Racing runabouts, light loads
			AM173	15.30	10½ x 11	BR	3	14'-16' boats, all loads, skis
			AM174	14.40	10 x 12½	BR	3	14'-16' boats, all load
			AM175	14.40	10 x 13½	BR	3	14'-16' boats, all load

## EVINRUDE

Big-Twin, 25 H.P.....	2001, 2003, 25012.....	1951-55	AJC460	\$16.50	10 x 15	BR	2	12'-14' Runabouts 1-2 Passengers			
			AJC461	16.50	10 x 15½	BR	2	12'-14' Runabouts 1-2 Passengers			
			AJC462	16.50	10 x 14	BR	2	14'-16' Runabouts 1-3 Passengers			
			AJC463	13.50	10 x 15½	AL	2	12'-14' Runabouts 1-2 Passengers			
			AJC464	13.50	10 x 14	AL	2	14'-16' Runabouts 1-3 Passengers			
			AMC380	14.40	10¾ x 10	BR	3	X-Heavy boats, heavy loads, 2 or more skiers, 16'-18' cruisers one engine, 19-23 cruisers twin engine			
			AMC381	14.40	10¾ x 11½	BR	3	14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines			
			AMC382	14.40	10¾ x 12½	BR	3	All Purpose			
			AMC383	10.50	10¾ x 11½	AL	3	14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines			
			AMC384	13.50	11 x 10	AL	3	Barges			
			AMC385	10.50	10¾ x 10	AL	3	X-Heavy boats, heavy loads, 2 or more skiers, 16'-18' cruisers one engine, 19-23 cruisers twin engine			
			AMC386	10.50	9¼ x 14½	AL	3	12'-14' Runabouts 1-2 Passengers			
			AMC387	14.40	9¼ x 14½	BR	3	12'-14' Runabouts 1-2 Passengers			
			AMC388	10.50	10¾ x 12½	AL	3	All Purpose			
			AMC442	15.00	10 x 10	AL	4	19' to 23' Cruisers — one or two engines			
			AMC444	15.00	10 x 11	AL	4	16' to 18' cruiser — one engine			
			AMC445	15.00	10 x 12	AL	4	16' to 18' cruiser — two engines			
			Fastwin 14 H.P. Super Fastwin 15 H.P.....	4438, 4441 15012.....	1950-53 1954-55	AJC410	12.00	8½ x 11½	BR	2	Racing runabouts, light loads
						AJC411	12.00	8½ x 12	BR	2	Racing runabouts, light loads
						AJC412	10.50	8½ x 11½	AL	2	Racing runabouts, light loads
AJC413	12.00	8½ x 13				BR	2	Racing runabouts, light loads			
AJC414	10.50	8½ x 13				AL	2	Racing runabouts, light loads			
AMC266	10.50	9 x 7				AL	3	X-Heavy boats, heavy loads, 16'-18' cruisers one engine, 19'-23' cruisers twin engine			
AMC267	10.50	9 x 8½				AL	3	14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines			
AMC330	12.00	8½ x 11				BR	3	12'-14' Runabouts 1-2 Passengers			
AMC331	12.00	8½ x 10½				BR	3	14'-16' Runabouts 1-3 Passengers			
AMC332	12.00	8¾ x 9				BR	3	14'-16' boats, all loads, skis			
AMC333	9.00	8½ x 11				AL	3	12'-14' Runabouts 1-2 Passengers			
AMC334	9.00	8¾ x 9				AL	3	14'-16' boats, all loads, skis			
AMC335	12.00	8½ x 12				BR	3	12'-14' Runabouts 1-2 Passengers			
AMC446	12.00	9 x 7				AL	4	16' to 18' cruiser — one engine			
AMC447	12.00	9 x 8	AL	4	14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines						

**What's a vacation or fishing trip without the use of your motor — carry a spare propeller.**



# MICHIGAN PROPELLER SELECTOR AND PRICE LIST

*Prices Subject to Change Without Notice*

## EVINRUDE (Continued)

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
Fisherman	4309	1939	E196	\$ 5.10	7 1/2 x 8	AL	2	All Purpose
			E198	6.60	7 1/4 x 9	BR	2	JU Class Runabout — 100 lb. driver
			AM120	8.40	7 1/2 x 6 1/2	BR	3	14'-16' boats — all loads
			AM121	8.40	7 1/2 x 7 1/2	BR	3	Light planing boats, light load
Fleetwin 7 1/2 H.P.	4434, 4443, 4447, 7512	1950-53	AJ420	12.00	7 3/4 x 9 1/2	BR	2	Light planing boats, light load
			AJ421	12.00	7 3/4 x 9	BR	2	Light planing boats, light load
			AM340	8.40	7 3/4 x 7	BR	3	12'-14' Runabouts 1-2 Passengers
			AM341	8.40	7 3/4 x 6	BR	3	14'-16' Runabouts 1-3 Passengers
Fleetwin Aquasonic 7 1/2 H.P.	7514	1954-55	AJ615	10.50	7 3/4 x 9	BR	2	Light planing boats, light load
			AJ616	9.00	7 3/4 x 9	AL	2	Light planing boats, light load
			AJ617	10.50	7 3/4 x 8 1/2	BR	2	Light planing boats, light load
			AM415	8.40	8 x 8	BR	3	12'-14' Runabouts 1-2 Passengers
			AM416	6.60	8 x 8	AL	3	12'-14' Runabouts 1-2 Passengers
			AM417	8.40	8 x 7	BR	3	14'-16' Runabouts 1-3 Passengers
Light Four	4231, 4271, 4315, 4316, 4317, 4322, 4323, 4324, 4375, 4377, 4389, 4111, 4178	1935-50	AJ349	13.20	8 1/2 x 9 1/2	BR	2	Light planing boats, light load
			AM72	9.60	8 x 9	BR	3	12'-14' Runabouts 1-2 Passengers
			AM73	9.60	8 x 8 1/2	BR	3	14'-16' Runabouts 1-3 Passengers
Ranger	4252, 4265, 4334, 4406, 4407	1938-47	E40	3.00	6 x 5	AL	2	All Purpose
Scout	4201	1937	E40	3.00	6 x 5	AL	2	All Purpose
Speedifour	7031, Serial 3001 up, 1" shaft	1946-50	AJ325	18.00	9 1/2 x 14	BR	2	Racing runabouts, light loads
			AM173	15.30	10 1/2 x 11	BR	3	14'-16' boats, all loads, skis
			AM174	14.40	10 x 12 1/2	BR	3	14'-16' boats, all load
			AM175	14.40	10 x 13 1/2	BR	3	14'-16' boats, all load
Speeditwin	1U, 15U, 143, 156, 167, 750" shaft	1929-30-31	AM130	13.50	10 x 11	BR	3	All Purpose
Speedtwin	6039-6041, Special No. over 5000, 1" shaft	1946-51	EW10	14.40	10 1/2 x 10 1/2	BR	3	All Purpose
			E285	14.40	10 x 11	BR	2	Racing runabouts, light loads
			AM161	14.40	10 1/2 x 9 1/2	BR	3	14'-16' Runabouts 1-3 Passengers
			AM162	14.40	9 3/4 x 11	BR	3	12'-14' Runabouts 1-2 Passengers
			AJ288	18.00	9 1/2 x 12	BR	2	Racing runabouts, light loads
Sportfour	For all Sportfour	1932-41	AJ345	13.20	8 3/4 x 10	BR	2	BU racing runabouts
			AM45	12.00	9 1/2 x 10	BR	3	12'-16' Boats, all loads, skis
			E22	3.30	7 x 6	AL	2	All Purpose
Sportsman	4091	1935	E27	3.30	7 x 6	AL	2	All Purpose
	4146, 4207	1936-37	E4	3.90	7 x 6	AL	2	All Purpose
Sportwin	4285 to 4416	1938-47	E32	3.30	7 1/2 x 6	AL	2	All Purpose
	4156 to 4368	1936-37	E196	5.10	7 1/2 x 8	AL	2	All Purpose
Zephyr	4359, 4361, 4362, 4363, 4378, 4379, 4381, 4382, 4402, 4403, 4404, 4405	1940-50	E198	6.60	7 1/4 x 9	BR	2	JU Class Runabout — 100 lb. driver
			AM120	8.40	7 1/2 x 6 1/2	BR	3	14'-16' boats — all loads
			AM121	8.40	7 1/2 x 7 1/2	BR	3	Light planing boats, light load
			J176	18.00	12 x 10	BR	3	14'-16' boats, all load
			AM33	14.70	9 7/8 x 14	BR	3	12'-14' Runabouts 1-2 Passengers

## JOHNSON

A & BN Lightwin	.....	J110	\$ 3.90	8 x 7	AL	2	All Purpose
A25-AB25	.....						
K40, 45	.....	J149	10.50	9 x 11	BR	2	Light planing boats, light load
K50, 65, 70, 75, 80	.....						
KA37, 38, 39, 10, KD15, KS15	.....	J21	9.60	9 3/4 x 7 1/4	AL	3	14'-16' boats, all load
		J24	10.50	9 x 11	BR	2	Light planing boats, light load
		AM20	12.00	9 1/2 x 8 1/2	BR	3	14'-16' boats, all loads, skis
P50, 65, 70, 75, 80, PO37, 38, 39, 10, 15, PO1948, 49, 50	.....	J176	18.00	12 x 10	BR	3	14'-16' boats, all load
		AM34	14.70	9 7/8 x 13	BR	3	14'-16' Runabouts 1-3 Passengers
		AJ1195	18.00	10 x 14	BR	2	CU Racing runabout
		AJ1196	18.90	10 x 16 1/2	BR	2	Hydro

**No propeller will perform smoothly, efficiently if bent or thrown out of balance. Own a spare to use while damaged wheel is reconditioned.**



# MICHIGAN PROPELLER SELECTOR AND PRICE LIST

*Prices Subject to Change Without Notice*

## JOHNSON (Continued)

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION				
10 H.P.	QD	1949-55	AJC200	\$12.00	8½ x 10	BR	2	Light planing boats, light load Light planing boats, light load Light planing boats, light load 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' boats, all loads, skis 12'-14' Runabouts 1-2 Passengers 14'-16' boats, all loads, skis X-Heavy boats, heavy loads, 16'-18' cruisers one engine, 19'-23' cruisers twin engine 14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines				
			AJC201	12.00	8½ x 11	BR	2					
			AJC202	10.50	8½ x 10	AL	2					
			AMC260	12.00	8½ x 10	BR	3					
			AMC261	12.00	8½ x 9½	BR	3					
			AMC262	12.00	8½ x 8½	BR	3					
			AMC263	9.00	8½ x 10	AL	3					
			AMC264	9.00	8½ x 8½	AL	3					
			AMC265	10.50	9 x 6	AL	3					
			AMC266	10.50	9 x 7	AL	3					
			S45, 65, 70, SA. SE.	-----	-----	J154	13.20		10 x 10	BR	3	All Purpose Light planing boats, light load
						AJ400	13.20		9 x 12½	BR	2	
			SD10-15-20	-----	Thru 1950	J277	13.20		10 x 13	BR	3	All Purpose 14'-16' boats, all loads, skis Light planing boats, light load 12'-14' Runabouts 1-2 Passengers
	J272	13.20				10 x 10	BR	3				
	J275	10.50				10 x 12	BR	2				
	AM220	12.00				9½ x 11	BR	3				
	TD15, 20, TS15	-----	-----	J2	5.40	8 x 7½	BR	2	All Purpose 14'-16' boats — all loads Light planing boats, light load			
				AM90	8.40	7¾ x 6½	BR	3				
				AM91	8.40	7¾ x 7	BR	3				
	V45, 65, 70, VA, VE50	-----	-----	J176	18.00	12 x 10	BR	3	14'-16' boats, all load 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers			
				AM33	14.70	9⅞ x 14	BR	3				
				AM34	14.70	9⅞ x 13	BR	3				
	TN, with Neutral, forward	-----	1950-53	J8	3.30	8 x 7½	AL	2	All Purpose 14'-16' boats — all loads Light planing boats, light load 14'-16' boats — all loads Light planing boats, light load			
				AM92	8.40	7¾ x 6½	BR	3				
				AM93	8.40	7¾ x 7	BR	3				
				AM94	6.60	7¾ x 6½	AL	3				
				AM95	6.60	7¾ x 7	AL	3				
5½ HP	-----	1954-55	J300	3.30	8 x 7½	AL	2	All Purpose 14'-16' boats — all loads 14'-16' boats — all loads Light planing boats, light load Light planing boats, light load				
			AM430	8.40	7¾ x 6½	BR	3					
			AM431	6.60	7¾ x 6½	AL	3					
			AM433	8.40	7¾ x 7	BR	3					
			AM434	6.60	7¾ x 7	AL	3					
Big Twin "25"	"RD"	1951-55	AJC460	16.50	10 x 15	BR	2	12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers X-Heavy boats, heavy loads, 2 or more skiers, 16'-18' cruisers one engine, 19'-23' cruisers twin engine 14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines All Purpose 14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines Barges X-Heavy boats, heavy loads, 2 or more skiers, 16'-18' cruisers one engine, 19'-23' cruisers twin engine 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers All Purpose 19' to 23' Cruisers — one or two engines 16' to 18' cruiser — one engine 16' to 18' cruiser — two engines				
			AJC461	16.50	10 x 15½	BR	2					
			AJC462	16.50	10 x 14	BR	2					
			AJC463	13.50	10 x 15½	AL	2					
			AJC464	13.50	10 x 14	AL	2					
			AMC380	14.40	10⅝ x 10	BR	3					
			AMC381	14.40	10⅝ x 11½	BR	3					
			AMC382	14.40	10⅝ x 12½	BR	3					
			AMC383	10.50	10⅝ x 11½	AL	3					
			AMC384	13.50	11 x 10	AL	3					
			AMC385	10.50	10⅝ x 10	AL	3					
			AMC387	14.40	9¼ x 14½	BR	3					
			AMC386	10.50	9¼ x 14½	AL	3					
			AMC388	10.50	10⅝ x 12½	AL	3					
			AMC442	15.00	10 x 10	AL	4					
			AMC444	15.00	10 x 11	AL	4					
			AMC445	15.00	10 x 12	AL	4					

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# MICHIGAN PROPELLER SELECTOR AND PRICE LIST

*Prices Subject to Change Without Notice*

## CHAMPION

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
Standard Single	A, 1B, S1G, S1D	1935-38	P44	\$3.60	7½ x 6½	AL	2	All Purpose
Lite Twin	2B, S2C, S2D, R1C	1936-38						
Singles & Twins	S1E, D1E, S1F, S2F, B1F, S1G, D1G, M1G, 1H	1939-42	P51	3.60	7½ x 6½	AL	2	All Purpose
Singles & Twins	S4G, D4G, D2D, M4G, D1F	1938-41	P91	4.80	7½ x 6½	AL	3	All Purpose
Standard Single	1J and 1L-1K, 2M	1946-53	P90	5.40	8 x 5½	AL	2	All Purpose
*DeLux Single	4.2 H.P., 2J and 2K	1946-50						
*DeLux Twin	7.9 H.P., 4K	1948-50	P120	6.60	8 x 10	AL	2	All Purpose
			AM230	8.40	8¼ x 9	BR	3	Light planing boats, light load
			AM231	8.40	8¼ x 8½	BR	3	14'-16' boats — all loads
Hot Rod	4KS and 4LS	1949-52	AJ130	12.00	8½ x 10	BR	2	Light planing boats, light load
Super Deluxe								
Hydrodrive	2L-HD	1950-52	P140	6.00	7½ x 6½	AL	3	All Purpose
			P141	6.00	7½ x 6½	BR	3	All Purpose
			P142	6.00	7½ x 6	BR	2	All Purpose
Deluxe	4L	1952	AM232	8.40	7½ x 9½	BR	3	All Purpose
Super Deluxe								
Hydrodrive	4L-HD	1950-52	AM233	8.40	7½ x 10	BR	3	Light planing boats, light load
			AJ130	12.00	8½ x 10	BR	2	Light planing boats, light load
3 M Gear Shift 5 H.P., 4M 7½ hp		1953	P160	6.00	8 x 9½	AL	2	All Purpose
15 H.P. Twin		1954-55	AJ132	9.90	8¾ x 12	BR	2	Light planing boats, light load
			AJ134	9.90	8¾ x 13	BR	2	Light planing boats, light load
			AM235	10.50	8¾ x 10	BR	3	14'-16' boats, all loads
			AM237	10.50	8¾ x 9	BR	3	14'-16' boats, all load, skis

\*These models interchangeable with MAJESTIC and VOYAGER.

## MUNCIE, NEPTUNE, SEAGULL, GAMBLE

Jr. Single, 1.2 and 1.5 H.P.	1A38, 1A39, 10A1, 11A1, 11B1, 15A1, 15B1, 17A1, 17B1	1938-47-55	E40	\$3.00	6 x 5	AL	2	All Purpose
Single, 2 and 2.5 H.P.	0B1, 0B11, 0B12, 2A38, 2A39, 10A2, 11A2, 11AA2, 11B2, 15B2, 17A2	1933-41	M10	3.60	7¾ x 5½	AL	2	All Purpose
Jr. Twin	0B31, 0B32, 0B34, 0B35, 4A38, 4A39, 10A4, 11B4, 15B4	1933-41						
Alternate, 5 and 6 H.P.	5A39, 10A6, 11A6, 11AA6, 15A6, 15AA6, 15B4	1939-41	M20	3.90	8 x 7	AL	2	All Purpose
Imp. Twin, 6 H.P.	6A38, 6A39, 15A6, 15AA6	1938-47-48	M20	3.90	8 x 7	AL	2	All Purpose
Master Twin 16 H.P.	0B15, 0B16, 0B17, 16A-38	1931-41-46	AJ400 J154	13.20 13.20	9 x 12½ 10 x 10	BR BR	2 3	Light planing boats, light load All Purpose
Alternate Twin, 3½ H.P.	11A3, 11AA3, 15A3, 15AA3, 17AA3, 17A3							
5 H.P.	AA4	1948-51	M72	4.20	6¾ x 6½	AL	2	All Purpose
			M74	4.20	7½ x 5	AL	2	All Purpose

**Propeller damage won't lay up your boat if you own a spare propeller.**



# MICHIGAN PROPELLER SELECTOR AND PRICE LIST

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## CHRIS CRAFT

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
Challenger, 5 H.P.	J	1949-53	C515	\$7.50	8 1/4 x 8	AL	2	All Purpose
			C516	9.90	8 1/4 x 8	BR	2	All Purpose
Commander, 10 H.P.	K	1950-53	AJ430	14.40	7 3/4 x 10	BR	2	Light planing boats, light load
			AJ431	14.40	7 3/4 x 10 1/2	BR	2	Light planing boats, light load
			AM390	10.50	8 x 9	BR	3	14'-16' Runabouts 1-3 Passengers
			AM391	9.90	7 1/2 x 9 1/2	BR	3	12'-14' Runabouts 1-2 Passengers
			AM393	9.90	8 1/2 x 8	AL	3	14'-16' boats, all loads, skis
			AM394	12.00	8 1/4 x 8	BR	3	14'-16' boats, all loads, skis

## CLINTON

2 1/2 H.P.		1954-55	C10	\$ 3.60	6 3/4 x 4	AL	2	All Purpose
5 H.P.		1954-55	C15	4.50	7 3/8 x 4 1/2	AL	2	All Purpose

## ELGIN (Sears-Roebuck)

Single, 1 1/4 H.P.	571, 58301	1946-50	G10	\$ 3.30	6 1/2 x 5	AL	2	All Purpose	
Single, 2 1/2 H.P.	571, 58401	1947-50	G20	3.60	7 1/2 x 4 1/2	AL	2	All Purpose	
Twin, 3 1/2 H.P.	571, 58501 and 21	1947-50	G30	3.60	7 1/2 x 5 1/2	AL	2	All Purpose	
Twin, 5, 5 1/2-6 H.P.	571, 58601, 11 and 21	1947-48	G40	3.60	7 1/2 x 7 1/2	AL	2	All Purpose	
	571, 58541	1949-55	G70	8.70	7 1/4 x 7	BR	2	Light planing boats, light load	
			AM300	6.60	6 3/4 x 6	BR	3	12'-14' Runabouts 1-2 Passengers	
			G45	6.00	6 3/4 x 6 1/2	AL	3	14'-16' Runabouts 1-3 Passengers	
Twin, 7 1/2 H.P.	571, 58731	1949-55	G50	4.80	7 1/4 x 8 1/2	AL	2	All Purpose	
			AJ52	10.50	7 1/4 x 8 1/2	BR	2	Light planing boats, light load	
			AM290	8.40	7 1/2 x 7 1/2	BR	3	12'-14' Runabouts 1-2 Passengers	
			G55	6.60	7 x 7	AL	3	14'-16' Runabouts 1-3 Passengers	
Twin, 12 H.P.		1955	AJC92	12.00	8 1/2 x 9	BR	2	Light planing boats, light load	
			AJC94	12.00	8 1/2 x 10	BR	2	Light planing boats, light load	
			AMC354	12.00	8 1/2 x 8	BR	3	12'-14' Runabouts 1-2 Passengers	
			AMC355	10.50	8 1/2 x 8	AL	3	12'-14' Runabouts 1-2 Passengers	
			AMC356	12.00	8 1/2 x 7	BR	3	14'-16' Runabouts 1-3 Passengers	
Twin, 16 H.P.	571, 58821 and 22	1949-54	G80	9.00	9 x 11	AL	2	All Purpose	
			AJC440	14.40	9 x 11	BR	2	Light planing boats, light load	
			AMC350	14.40	9 1/2 x 9	BR	3	14'-16' Runabouts 1-3 Passengers	
			AMC351	14.40	9 1/2 x 8	BR	3	14'-16' boats, all loads, skis	
			AMC352	9.90	9 1/2 x 9	AL	3	14'-16' Runabouts 1-3 Passengers	
Twin, 25 H.P. available June 1, 1955		1955	AJC442	16.50	.....	BR	2	Racing runabouts, light loads	
			AJC444	16.50	.....	BR	2	Racing runabouts, light loads	
			AMC370	14.40	.....	BR	3	14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines	
			AMC372	14.40	.....	BR	3	14'-16' Runabouts 1-3 Passengers	
			AMC374	14.40	.....	BR	3	12'-14' Runabouts 1-2 Passengers	
			AMC412	15.00	.....	AL	4	16' to 18' cruiser — one engine	
			AMC414	15.00	.....	AL	4	19' to 23' Cruisers — one or two engines	

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# MICHIGAN PROPELLER SELECTOR AND PRICE LIST

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## FIRESTONE, CORSAIR

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
Single Cyl. 3.5, 3.6, 4 H.P.	All Singles except 460, 462	1946-53	SA10	\$ 3.60	7 $\frac{1}{2}$ x 6	AL	2	All Purpose
All 5 H.P. Twins	All Models	1949-54	SA20	4.50	7 $\frac{1}{2}$ x 7	AL	2	All Purpose
			AMC275	9.60	6 $\frac{3}{4}$ x 7 $\frac{1}{2}$	BR	3	Light planing boats, light load
			AMC276	9.60	6 $\frac{3}{4}$ x 7	BR	3	14'-16' boats — all loads
			AMC277	6.90	6 $\frac{3}{4}$ x 7 $\frac{1}{2}$	AL	3	Light planing boats, light load
5 H.P. Twin (Left Hand Props)		1955	SAC40	4.50	7 $\frac{1}{2}$ x 6	AL	2	All Purpose
			AMC510	6.90	7 x 6	AL	3	12'-14' Runabouts 1-2 Passengers
			AMC511	9.60	7 x 6	BR	3	12'-14' Runabouts 1-2 Passengers
			AJC60	9.90	6 $\frac{1}{2}$ x 6 $\frac{1}{2}$	BR	2	Light planing boats, light load
			AJC61	9.90	6 $\frac{1}{2}$ x 7	BR	2	Light planing boats, light load
All 7 $\frac{1}{2}$ H.P. Twins	All Models	1946-54	SA3	5.10	8 x 7 $\frac{1}{2}$	AL	2	All Purpose
			SA4	6.60	8 x 7 $\frac{1}{2}$	BR	2	All Purpose
			SA1	5.40	8 x 9	AL	2	Light planing boats, light load
			AJS	10.50	7 $\frac{3}{4}$ x 8 $\frac{1}{2}$	BR	2	AU or BU Racing class runabout
			AM210	8.40	7 $\frac{3}{4}$ x 8	BR	3	12'-14' Runabouts 1-2 Passengers
			AM211	8.40	7 $\frac{3}{4}$ x 7	BR	3	14'-16' Runabouts 1-3 Passengers
			SA7	5.40	7 $\frac{3}{4}$ x 8	AL	3	All Purpose with cushion hub
			AMC425	9.60	7 $\frac{3}{4}$ x 7 $\frac{1}{2}$	BR	3	12'-14' Runabouts 1-2 Passengers
			AMC426	9.60	7 $\frac{3}{4}$ x 6 $\frac{1}{2}$	BR	3	14'-16' Runabouts 1-3 Passengers
			AMC427	6.90	7 $\frac{3}{4}$ x 7 $\frac{1}{2}$	AL	3	12'-14' Runabouts 1-2 Passengers
7 $\frac{1}{2}$ H.P. Twins (Left Hand Props)		1955	SAC50	5.10	8 x 7	AL	2	All Purpose
			AMC520	6.90	7 $\frac{3}{4}$ x 6	AL	3	12'-14' Runabouts 1-2 Passengers
			AMC521	9.60	7 $\frac{3}{4}$ x 6	BR	3	12'-14' Runabouts 1-2 Passengers
			AJC65	10.50	8 $\frac{1}{2}$ x 8 $\frac{1}{2}$	BR	2	Light planing boats, light load
			AJC66	10.50	8 $\frac{1}{2}$ x 9	BR	2	Light planing boats, light load
All 10 H.P. Twins		1950-54	SA16	6.00	8 x 10	AL	2	All Purpose with cushion Hub
			AJC510	13.20	7 $\frac{1}{2}$ x 9	BR	2	Light planing boats, light load
			AJC511	13.20	7 $\frac{1}{2}$ x 10	BR	2	Light planing boats, light load
			AMC435	10.50	8 $\frac{1}{2}$ x 7	BR	3	14'-16' boats, all load
			AMC436	10.50	8 $\frac{1}{2}$ x 8	BR	3	12'-14' Runabouts 1-2 Passengers
			AMC437	7.50	8 $\frac{1}{2}$ x 7	AL	3	14'-16' boats, all load
10 H.P. Twin (Left Hand Props)		1955	SAC60	6.00	8 $\frac{1}{4}$ x 9 $\frac{1}{2}$	AL	2	All Purpose
			AMC530	7.50	8 $\frac{1}{4}$ x 7 $\frac{1}{2}$	AL	3	14'-16' boats, all load
			AMC531	10.50	8 $\frac{1}{4}$ x 7 $\frac{1}{2}$	BR	3	14'-16' boats, all load
			AJC70	12.00	7 $\frac{3}{4}$ x 10 $\frac{1}{2}$	BR	2	Light planing boats, light load
			AJC71	12.00	7 $\frac{3}{4}$ x 11	BR	2	Light planing boats, light load
All 16 H.P. Twins	1-30	1950-55	AJ12	13.20	8 $\frac{1}{4}$ x 9	BR	2	Light planing boats, light load
			AJC13	13.20	9 x 9	BR	2	All Purpose
			AJC14	10.50	9 x 9	AL	2	All Purpose
			SAC29	12.00	9 $\frac{1}{2}$ x 6 $\frac{1}{2}$	BR	3	14'-16' boats, all loads, skis
			SAC30	10.50	9 $\frac{1}{2}$ x 6 $\frac{1}{2}$	AL	3	14'-16' boats, all loads, skis

## FLAMBEAU

Single	2 $\frac{1}{2}$ -3 H.P.	1947-53	FL10	\$ 3.60	7 x 6	AL	2	All Purpose
Twin	5-6 H.P.	1947-53	FL20	5.40	8 x 8 $\frac{1}{2}$	AL	2	All Purpose

## LAUSON

Single	2 $\frac{1}{2}$ -3 H.P.	1940-54	L30	\$ 4.20	7 $\frac{1}{2}$ x 5 $\frac{1}{2}$	AL	2	All Purpose
			L31	5.40	7 $\frac{1}{2}$ x 5 $\frac{1}{2}$	BR	2	All Purpose
Twin	6 H.P.	1948-54	L50	5.40	8 x 6	AL	2	All Purpose
			L51	6.60	8 x 6	BR	2	All Purpose
			L52	5.40	7 $\frac{1}{2}$ x 7 $\frac{1}{2}$	AL	2	All Purpose
			AM310	8.40	7 $\frac{1}{2}$ x 6 $\frac{1}{2}$	BR	3	Light planing boats, light load

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# MICHIGAN PROPELLER SELECTOR AND PRICE LIST

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## LE JAY

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
Electrol, 7/16" shaft...	46-A.....	1946-53	H60	\$ 3.30	6 x 5	AL	2	All Purpose

## MARTIN

Twin, 4 1/2 H.P.....	"40" and "45".....	1946-54	Q40	\$ 4.80	7 1/2 x 6	AL	2	All Purpose
			Q41	4.80	7 1/2 x 4 1/2	AL	2	Rowboats and skiffs
			Q42	5.10	7 1/2 x 4 1/2	BR	2	Rowboats and skiffs
Twin, 7.2 H.P.....	"60", "66" and "75"	1946-51	Q10	5.40	8 x 8	AL	2	All Purpose
			Q31	6.00	8 x 9 1/2	AL	2	Light planing boats, light load
			QW32	6.00	8 x 7	AL	3	14'-16' boats, all load
			AJ34	9.00	7 3/4 x 8 1/2	BR	2	Light planing boats, light load
			AM181	8.40	7 1/2 x 8	BR	3	12'-14' Runabouts 1-2 Passengers
Twin, Twist Shift, 7.5 H.P.....	"75".....	1952-54	Q51	6.00	8 x 6 1/2	AL	2	14'-16' boats, all load
			Q50	6.60	8 x 8 1/2	AL	2	All Purpose
			Q52	9.60	8 x 6 1/2	BR	2	14'-16' boats, all load
			Q53	9.60	8 x 8 1/2	BR	2	All Purpose
			AJ39	12.00	7 3/4 x 8 1/2	BR	2	Light planing boats, light load
Twin.....	Hi-Speed "60".....	1950-53	AJ37	12.00	7 1/2 x 9 1/2	BR	2	Light planing boats, light load
Twin, 10 H.P.....	100.....	1950-51	AJ451	12.00	7 1/2 x 9	BR	2	Light planing boats, light load
			AM362	9.90	8 1/2 x 8	BR	3	12'-14' Runabouts 1-2 Passengers
			AM363	9.90	8 1/2 x 7	BR	3	14'-16' Runabouts 1-3 Passengers
Twin, Twist Shift, 10 H.P.....	"100".....	1952-54	Q60	6.00	8 x 9	AL	2	All Purpose
			Q61	6.60	8 x 8	AL	3	14'-16' boats, all load
			Q62	6.60	8 x 7	AL	3	14'-16' boats, all loads, skis
			Q65	9.90	8 x 8	BR	3	14'-16' boats, all load
			Q66	9.90	8 x 7	BR	3	14'-16' boats, all loads, skis
			AJ44	12.00	8 x 9	BR	2	Light planing boats, light load
Twin "Silver-Streak" E-H.....	"200".....	1953-54	Q70	6.60	7 1/2 x 8	AL	2	All Purpose
			Q71	9.90	7 1/2 x 8	BR	2	All Purpose
			AJ530	14.40	6 3/4 x 9 1/2	BR	2	BU racing runabouts
			AM420	9.90	7 3/4 x 6	BR	3	12'-16' Boats, all loads, skis
			AM421	9.90	7 3/4 x 7	BR	3	12'-14' Runabouts 1-2 Passengers

## MERCURY

Single.....	K1, 2, 3, KB1A, WA2, 3, WB2, 3, KE3.....	1940-51	K8	\$ 3.30	7 5/8 x 6	AL	2	All Purpose
Single, 3 1/2 H.P.....	Comet, KF3 Super 5, KF5, and Mark 5	1949-52	K70	3.00	6 3/4 x 6 1/2	AL	2	All Purpose
Twin, 5 H.P.....		1949-55	K71	7.50	6 3/4 x 6 1/2	BR	2	All Purpose
		AJ520	9.00	6 3/8 x 6 1/2	BR	2	JU Class Runabout — 100 lb. driver	
		AM400	7.50	7 x 5	BR	3	14'-16' Runabouts 1-3 Passengers	
		AM401	6.00	7 x 5	AL	3	14'-16' Runabouts 1-3 Passengers	
Twin, 6 H.P.....	K4, 5, KB4, 5, WA6, WB6, KD4, WB4, WD4.....	1940-47	K15	3.60	7 5/8 x 7	AL	2	All Purpose
			K16	6.30	7 5/8 x 7	BR	2	All Purpose
			K17	6.30	7 5/8 x 8	BR	2	Light planing boats, light load
			K19	6.60	7 1/2 x 6 1/2	AL	3	14'-16' boats, all load
			K21	8.40	7 1/2 x 6 1/2	BR	3	14'-16' boats, all load
Twin, 7 1/2 H.P. Rocket, Mark 7.....	KE4.....	1947-55	K50	4.50	7 5/8 x 8	AL	2	All Purpose
			K53	8.40	7 1/4 x 6 1/2	BR	3	14'-16' boats, all load
			K51	7.50	7 5/8 x 8	BR	2	All Purpose
			K52	6.00	7 1/4 x 6 1/2	AL	3	14'-16' boats, all load
			AJ57	10.50	7 x 8	BR	2	Light planing boats, light load
			AJ56	10.50	7 x 7 1/2	BR	2	Light planing boats, light load
			AM200	8.40	6 3/4 x 8	BR	3	12'-14' Runabouts 1-2 Passengers
Twin 7 1/2 H.P. (Hurricane) (Std. Lower Unit)	KG4.....	1950-53	AJ58	10.50	7 x 8 1/2	BR	2	Light planing boats, light load
			AJ59	10.50	7 x 9	BR	2	Light planing boats, light load
			K54	9.90	8 x 7	BR	3	12'-16' Boats, all loads, skis
			K55	6.00	8 x 7	AL	3	12'-16' Boats, all loads, skis
			K58	5.40	7 1/2 x 9	AL	3	All Purpose
			K59	9.90	7 1/2 x 8	BR	3	14'-16' boats, all load



# MICHIGAN PROPELLER SELECTOR AND PRICE LIST

Prices Subject to Change Without Notice

## MERCURY (Continued)

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION			
Gear-Shift	Mark 15	1953	AJC609	\$14.40	9 x 9 1/2	BR	2	12'-14' Runabouts 1-2 Passengers			
			AJC602	14.40	9 x 10	BR	2	12'-14' Runabouts 1-2 Passengers			
			AJC603	12.00	9 x 10	AL	2	12'-14' Runabouts 1-2 Passengers			
			AMC450	15.60	9 x 8 1/2	BR	3	12'-16' Boats, all loads, skis			
			AMC452	15.60	9 x 9	BR	3	12'-14' Runabouts 1-2 Passengers			
			AMC453	13.20	9 x 9	AL	3	12'-14' Runabouts 1-2 Passengers			
Twin, 10 H.P. (Lightning)	KE7	1947-52	K40	6.00	7 1/2 x 9	AL	3	All Purpose			
			K41	9.90	7 1/2 x 8	BR	3	12'-16' Boats, all loads, skis			
			K43	6.00	7 1/2 x 10	AL	3	All Purpose			
			K44	9.90	7 1/2 x 9	BR	3	All Purpose			
			AJ47	13.20	8 7/8 x 10	BR	2	Light planing boats, light load			
			AJ46	13.20	8 7/8 x 9 1/2	BR	2	Light planing boats, light load			
			AJ42	13.20	7 3/4 x 10	BR	2	Light planing boats, light load			
			AM191	9.90	7 1/2 x 10	BR	3	Light planing boats, light load			
			AM192	9.90	7 1/2 x 9 1/4	BR	3	12'-14' Runabouts 1-2 Passengers			
						AM194	10.50	8 x 8 1/2	BR	3	14'-16' Runabouts 1-3 Passengers, skis
			Twin, 10 H.P. (Super 10) and (Hurricane) Std. Lower Unit	KF7, KG7	1949-52	K30	5.10	7 1/2 x 10	AL	3	All Purpose
K31	9.90	7 1/2 x 10				BR	3	All Purpose			
K32	9.90	7 1/2 x 9				BR	3	All Purpose			
K33	10.50	8 x 8				BR	3	14'-16' boats, all loads, skis			
K34	9.00	8 x 8				AL	3	14'-16' boats, all loads			
*AM320	10.50	8 x 9				BR	3	14'-16' boats, all load			
*AM322	9.90	7 3/4 x 10 1/2				BR	3	12'-14' Runabouts 1-2 Passengers			
*AJ48	14.40	7 3/4 x 10				BR	2	Light planing boats, light load			
*AJ49	14.40	7 3/4 x 10 1/2				BR	2	Light planing boats, light load			
*AJ50	14.40	7 3/4 x 11				BR	2	Light planing boats, light load			
						AJ51	12.00	8 1/4 x 9	BR	2	12'-14' Runabouts 1-2 Passengers
*NOTE: Above AJ and AM require spline adaptor kits at \$3.16 ea. ch.											
Cruiser (Gear Shift)	KH-7, Mark 20-25	1952-55	AJC550	14.40	9 x 11	AL	2	Light planing boats, light load			
			AJC551	18.00	9 x 11	BR	2	Light planing boats, light load			
			AJC552	18.00	9 x 10	BR	2	12'-14' Runabouts 1-2 Passengers			
			AMC500	15.60	9 x 10	AL	3	12'-14' Runabouts 1-2 Passengers			
			AMC501	18.00	9 x 10	BR	3	12'-14' Runabouts 1-2 Passengers			
			AMC502	18.00	9 x 9	BR	3	14'-16' boats, all loads, skis			
			AMC503	15.60	9 x 9	AL	3	14'-16' boats, all loads, skis			
			AMC540	16.80	9 1/2 x 8	AL	4	X-Heavy boats, heavy loads, 1 or 2 skiers, 16'-18' cruisers one engine, 19'-23' cruisers twin engine			
						AMC541	16.80	9 1/2 x 9	AL	4	14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines
			Quad, (Thunderbolt)	KG9, Mark 40	1949-53	K28	11.40	9 1/2 x 12	BR	2	All Purpose
						K29	11.40	9 1/2 x 11	BR	2	14'-16' boats, all loads
AM284	14.40	9 1/2 x 11				BR	3	14'-16' boats 2-4 Passengers			
AM282	14.40	9 1/2 x 9				BR	3	Cruisers			
AM283	14.40	9 1/2 x 10				BR	3	14'-16' boats 2-3 Pass. and skiers			
AJ80	18.00	9 1/2 x 11 1/2				BR	2	12'-14' boats 1-2 Passengers			
AJ85	18.00	9 x 13				BR	2	DU class runabouts			
Quad	Mark 50-55	1954-55	AMC575	18.00	10 x 12	AL	3	12'-14' Runabouts 1-2 Passengers			
			AMC576	21.00	10 x 12	BR	3	12'-14' Runabouts 1-2 Passengers			
			AMC577	18.00	10 x 11	AL	3	14'-16' Runabouts 1-3 Passengers			
			AMC580	18.00	10 x 10	AL	3	14'-16' boats, all loads, skis			
			AMC545	22.50	10 3/4 x 9	AL	4	19' to 23' Cruisers — one or two engines			
			AMC546	22.50	10 3/4 x 10	AL	4	16' to 18' cruiser—two engines			
			AJC560	21.00	10 3/4 x 12	BR	2	12'-14' Runabouts 1-2 Passengers			
			AJC561	16.80	10 3/4 x 12	AL	2	12'-14' Runabouts 1-2 Passengers			
			AJC562	21.00	10 3/4 x 11	BR	2	14'-16' Runabouts 1-3 Passengers			
						AJC563	16.80	10 3/4 x 11	AL	2	14'-16' Runabouts 1-3 Passengers
			Racing Propellers for Quicksilver lower Units	7 1/2 H.P.	1950-55	KA6	15.60	5 1/2 x 8	BR	2	AU or BU Racing class runabout
KA8	16.80	5 3/4 x Vari				BR	2	A Hydro			
10 H.P.	KF7, KG7	1949-54	KB6	16.80	6 x 8 1/2	BR	2	AU or BU class runabout			
			KB7	16.80	6 x 9 1/2	BR	2	B Hydro			
10 H.P.	Mark "20-H"	1954-55	KB8	16.80	5 3/4 x Vari	BR	2	AU or BU Racing class runabout			
25 H.P.	KG9	1949-55	KD6	21.00	7 1/4 x 13	BR	2	DU Racing Class runabout			
			KD7	21.00	7 1/4 x 13 1/2	BR	2	D Hydro			



# MICHIGAN PROPELLER SELECTOR AND PRICE LIST

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## SEA KING (Montgomery-Ward)

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
Single, 2.8 H.P.			K8	\$ 3.30	7½ x 6	AL	2	All Purpose
Single, 1 H.P.	377, 381, 469		E40	3.00	6 x 5	AL	2	All Purpose
Single, 1.8 H.P.	477		E27	3.30	7 x 6	AL	2	All Purpose
Single, 1.8 H.P.	367		E4	3.90	7 x 6	AL	2	All Purpose
Twin, 2.8 H.P.	449		E32	3.30	7½ x 6	AL	2	All Purpose
Twin, 3.3 H.P.	378							
Twin, 5 H.P.	Thru	1950	AM120	8.40	7½ x 6½	BR	3	14'-16' boats — all loads
			AM121	8.40	7½ x 7½	BR	3	Light planing boats, light load
Twin, H.P.	Neutral-Forward	1951-55	J8	3.30	8 x 7½	AL	2	All Purpose
			AM92	8.40	7¾ x 6½	BR	3	14'-16' boats — all loads
			AM93	8.40	7¾ x 7	BR	3	Light planing boats, light load
			AM94	6.60	7¾ x 6½	AL	3	14'-16' boats — all loads
			AM95	6.60	7¾ x 7	AL	3	Light planing boats, light load
Twin, 12 H.P.	9017	1949-54	AJ20	13.20	8¾ x 10	BR	2	Light planing boats, light load
	Non-Shift		AJ22	13.20	8¾ x 9½	BR	2	Light planing boats, light load
			AJ23	13.20	8¾ x 10½	BR	2	AU or BU Racing class runabout
			AM240	10.50	8¾ x 10½	BR	3	Light planing boats, light load
			AM241	10.50	8¾ x 10	BR	3	Light planing boats, light load
			AM242	10.50	8¾ x 9	BR	3	12'-16' Boats, all loads, skis
Twin, 12 H.P.	Shift Model	1951-55	AMC330	12.00	8½ x 11	BR	3	12'-14' Runabouts 1-2 Passengers
			AMC331	12.00	8½ x 10½	BR	3	14'-16' Runabouts 1-3 Passengers
			AMC332	12.00	8¾ x 9	BR	3	14'-16' boats, all loads, skis
			AMC333	9.00	8½ x 11	AL	3	12'-14' Runabouts 1-2 Passengers
			AMC334	9.00	8¾ x 9	AL	3	14'-16' boats, all loads, skis
			AJC410	12.00	8½ x 11½	BR	2	Racing runabouts, light loads
			AJC411	12.00	8½ x 12	BR	2	Racing runabouts, light loads
			AJC412	10.50	8½ x 11½	AL	2	Racing runabouts, light loads
Twin, 22 H.P.	Shift Model	1955	AJC460	16.50	10 x 15	BR	2	12'-14' Runabouts 1-2 Passengers
			AMC381	14.40	10¾ x 11½	BR	3	14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines
			AMC380	14.40	10¾ x 10	BR	3	X-Heavy boats, heavy loads, 2 or more skiers, 16'-18' cruisers one engine, 19'-23' cruisers twin engine
			AMC383	10.50	10¾ x 11½	AL	3	14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines
			AMC385	10.50	10¾ x 10	AL	3	X-Heavy boats, heavy loads, 2 or more skiers, 16'-18' cruisers one engine, 19'-23' cruisers twin engine
			AMC442	15.00	10 x 10	AL	4	19' to 23' Cruisers — one or two engines

## SCOTT-ATWATER

All Single Cyl. Motors	1-12, 1-14	1946-55	SA10	\$ 3.60	7¾ x 6	AL	2	All Purpose
All 5 H.P. Twins	1-16	1949-53	SA20	4.50	7½ x 7	AL	2	All Purpose
			AMC275	9.60	6¾ x 7½	BR	3	Light planing boats, light load
			AMC276	9.60	6¾ x 7	BR	3	14'-16' boats — all loads
			AMC277	6.90	6¾ x 7½	AL	3	Light planing boats, light load
5 H.P. Twins	Bail-A-Matic	1954-55	SAC40	4.50	7½ x 6	AL	2	All Purpose
			AMC510	6.90	7 x 6	AL	3	12'-14' Runabouts 1-2 Passengers
			AMC511	9.60	7 x 6	BR	3	12'-14' Runabouts 1-2 Passengers
			AJC60	9.90	6½ x 6½	BR	2	Light planing boats, light load
			AJC61	9.90	6½ x 7	BR	2	Light planing boats, light load
7½ H.P. Twins	1-20	1946-53	SA1	5.40	8 x 9	AL	2	Light planing boats, light load
			SA3	5.10	8 x 7½	AL	2	All Purpose
			SA4	6.60	8 x 7½	BR	2	All Purpose
			AJ8	10.50	7¾ x 8½	BR	2	AU or BU Racing class runabout
			AM210	8.40	7¾ x 8	BR	3	12'-14' Runabouts 1-2 Passengers
			AM211	8.40	7¾ x 7	BR	3	14'-16' Runabouts 1-3 Passengers
			SA7	5.40	7¾ x 8	AL	3	All Purpose with cushion Hub
			AMC425	9.60	7¾ x 7½	BR	3	12'-14' Runabouts 1-2 Passengers
			AMC426	9.60	7¾ x 6½	BR	3	14'-16' Runabouts 1-3 Passengers
			AMC427	6.90	7¾ x 7½	AL	3	12'-14' Runabouts 1-2 Passengers
7½ H.P. Twins	Bail-A-Matic	1954-55	SAC50	5.10	8 x 7	AL	2	All Purpose
			AMC520	6.90	7¾ x 7	AL	3	12'-14' Runabouts 1-2 Passengers
			AMC521	9.60	7¾ x 7	BR	3	12'-14' Runabouts 1-2 Passengers
			AJC65	10.50	8½ x 8½	BR	2	Light planing boats, light load
			AJC66	10.50	8½ x 9	BR	2	Light planing boats, light load
10 H.P. Twins	1-25	1950-53	SA16	6.00	8 x 10	AL	2	All Purpose with cushion Hub
			AJC510	13.20	7½ x 9	BR	2	Light planing boats, light load
			AJC511	13.20	7½ x 10	BR	2	Light planing boats, light load
			AMC435	10.50	8½ x 7	BR	3	14'-16' boats, all load
			AMC436	10.50	8½ x 8	BR	3	12'-14' Runabouts 1-2 Passengers
			AMC437	7.50	8½ x 7	AL	3	14'-16' boats, all load



# MICHIGAN PROPELLER SELECTOR AND PRICE LIST

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## SCOTT-ATWATER (Continued)

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
10 H.P. Twins	Bail-A-Matic	1954-55	SAC60	\$ 6.00	8 1/8 x 10	AL	2	All Purpose
			AMC530	7.50	8 1/4 x 9	AL	3	14'-16' boats, all load
			AMC531	10.50	8 1/4 x 9	BR	3	14'-16' boats, all load
			AJC70	12.00	7 3/4 x 10 1/2	BR	2	Light planing boats, light load
			AJC71	12.00	7 3/4 x 11	BR	2	Light planing boats, light load
All 16 H.P. Twins	1-30	1950-55	AJ12	13.20	8 1/4 x 9	BR	2	Light planing boats, light load
			AJC13	13.20	9 x 9	BR	2	
			AJC14	10.50	9 x 9	AL	2	All Purpose
			SAC29	12.00	9 1/2 x 6 1/2	BR	3	14'-16' boats, all loads, skis
			SAC30	10.50	9 1/2 x 6 1/2	AL	3	14'-16' boats, all loads, skis
			30 H.P. Twins		1955	AJC100	16.50	10 x 15
AJC101	16.50	10 x 14				BR	2	12'-14' Runabouts 1-2 Passengers
AMC650	14.40	10 x 12				BR	3	12'-14' Runabouts 1-2 Passengers
AMC651	14.40	10 x 11				BR	3	14'-16' Runabouts 1-3 Passengers, skis
AMC652	14.40	10 x 10				BR	3	X-Heavy boats, heavy loads, 2 or more skiers, 16'-18' cruisers one engine, 19'-23' cruisers twin engine
AMC653	10.50	10 x 10				AL	3	X-Heavy boats, heavy loads, 2 or more skiers, 16'-18' cruisers one engine, 19'-23' cruisers twin engine
AMC661	15.00	10 x 11				AL	4	19' to 23' Cruisers — one or two engines
AMC663	15.00	10 x 10				AL	4	16' to 18' cruiser — one engine
SAC70	12.00	10 x 14				AL	2	All Purpose

## HIAWATHA, SEA BEE, ROYAL, BUCCANEER, SEA FLYER, ATLAS, BROOKLURE, FEDWAY

Single, 3-3 1/2 H.P.		1947-51	Y1	\$ 3.90	6 7/8 x 5	AL	2	All Purpose
Twin, 5 H.P.		1947-50	Y10	5.10	7 1/2 x 8	AL	2	All Purpose
			AM120	8.40	7 1/2 x 6 1/2	BR	3	14'-16' boats — all loads
			AM121	8.40	7 1/2 x 7 1/2	BR	3	Light planing boats, light load
Twin, 5 H.P.	Neutral-Forward	1951-55	J8	3.30	8 x 7 1/2	AL	2	All Purpose
			AM92	8.40	7 3/4 x 6 1/2	BR	3	14'-16' boats — all loads
			AM93	8.40	7 3/4 x 7	BR	3	Light planing boats, light loads
			AM94	6.60	7 3/4 x 6 1/2	AL	3	14'-16' boats — all loads
			AM95	6.60	7 3/4 x 7	AL	3	Light planing boats, light load
Twin, 5 H.P.	Shift-Deluxe	1955	J300	3.30	8 x 7 1/2	AL	2	All Purpose
			AM430	8.40	7 3/4 x 6 1/2	BR	3	14'-16' boats — all loads
			AM431	6.60	7 3/4 x 6 1/2	AL	3	14'-16' boats — all loads
			AM433	8.40	7 3/4 x 7	BR	3	Light planing boats, light load
			AM434	6.60	7 3/4 x 7	AL	3	Light planing boats, light load
Twin, 12 H.P.	Non-Shift	1948-54	AJ22	13.20	8 3/4 x 9 1/2	BR	2	Light planing boats, light load
			AJ23	13.20	8 3/4 x 10 1/2	BR	2	AU or BU Racing class runabout
			AJ20	13.20	8 3/4 x 10	BR	2	Light planing boats, light load
			AM240	10.50	8 3/4 x 10 1/2	BR	3	Light planing boats, light load
			AM241	10.50	8 3/4 x 10	BR	3	Light planing boats, light load
			AM242	10.50	8 3/4 x 9	BR	3	12'-16' Boats, all loads, skis
Twin, 12 H.P.	Shift Model	1951-55	AMC330	12.00	8 1/2 x 11	BR	3	12'-14' Runabouts 1-2 Passengers
			AMC331	12.00	8 1/2 x 10 1/2	BR	3	14'-16' Runabouts 1-3 Passengers
			AMC332	12.00	8 3/4 x 9	BR	3	14'-16' boats, all loads, skis
			AMC333	9.00	8 1/2 x 11	AL	3	12'-14' Runabouts 1-2 Passengers
			AMC334	9.00	8 3/4 x 9	AL	3	14'-16' boats, all loads, skis
			AJC410	12.00	8 1/2 x 11 1/2	BR	2	Racing runabouts, light loads
			AJC411	12.00	8 1/2 x 12	BR	2	
			AJC412	10.50	8 1/2 x 11 1/2	AL	2	Racing runabouts, light loads
			Twin, 22 H.P.	Shift Model	1955	AJC460	16.50	10 x 15
AMC381	14.40	10 3/8 x 11 1/2				BR	3	14'-16' boats 1-4 Passengers, skis, 16' cruisers Twin engines
AMC380	14.40	10 3/8 x 10				BR	3	X-Heavy boats, heavy loads, 2 or more skiers, 16'-18' cruisers one engine, 19'-23' cruisers twin engine
AMC383	10.50	10 3/8 x 11 1/2				AL	3	14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines
AMC385	10.50	10 3/8 x 10				AL	3	X-Heavy boats, heavy loads, 2 or more skiers, 16'-18' cruisers one engine, 19'-23' cruisers twin engine
AMC442	15.00	10 x 10				AL	4	19' to 23' Cruisers — one or two engines



# MICHIGAN PROPELLER SELECTOR AND PRICE LIST

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## WIZARD (Western Auto)

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION			
Single, 3.2 H.P.		1950-51	K8	\$ 3.30	7 $\frac{5}{8}$ x 6	AL	2	All Purpose			
Twin, 5 H.P.	WH6	1955	K70	3.00	6 $\frac{3}{4}$ x 6 $\frac{1}{2}$	AL	2	All Purpose			
			K71	7.50	6 $\frac{3}{4}$ x 6 $\frac{1}{2}$	BR	2	All Purpose			
			AJ520	9.00	6 $\frac{3}{8}$ x 6 $\frac{1}{2}$	BR	2	JU Class Runabout — 100 lb. driver			
			AM400	7.50	7 x 5	BR	3	14'-16' Runabouts 1-3 Passengers			
			AM401	6.00	7 x 5	AL	3	14'-16' Runabouts 1-3 Passengers			
Twin, 6 H.P.		Thru 1954	K15	3.60	7 $\frac{5}{8}$ x 7	AL	2	All Purpose			
			K16	6.30	7 $\frac{5}{8}$ x 7	BR	2	All Purpose			
			K17	6.30	7 $\frac{5}{8}$ x 8	BR	2	Light planing boats, light load			
			K19	6.60	7 $\frac{1}{2}$ x 6 $\frac{1}{2}$	AL	3	14'-16' boats, all load			
			K21	8.40	7 $\frac{1}{2}$ x 6 $\frac{1}{2}$	BR	3	14'-16' boats, all load			
			AJ90	9.90	7 x 8	BR	2	JU Class Runabout — 100 lb. driver			
			AM440	9.00	6 $\frac{3}{4}$ x 7	BR	3	Light planing boats, light load			
Twin, 10 H.P.	WG7	1950-53	K40	6.00	7 $\frac{1}{2}$ x 9	AL	3	All Purpose			
			K41	9.90	7 $\frac{1}{2}$ x 8	BR	3	12'-16' Boats, all loads, skis			
			K43	6.00	7 $\frac{1}{2}$ x 10	AL	3	All Purpose			
			K44	9.90	7 $\frac{1}{2}$ x 9	BR	3	All Purpose			
			AJ42	13.20	7 $\frac{3}{4}$ x 10	BR	2	Light planing boats, light load			
			AJ46	13.20	8 $\frac{1}{8}$ x 9 $\frac{1}{2}$	BR	2	Light planing boats, light load			
			AJ47	13.20	8 $\frac{1}{8}$ x 10	BR	2	Light planing boats, light load			
			AM191	9.90	7 $\frac{1}{2}$ x 10	BR	3	Light planing boats, light load			
			AM192	9.90	7 $\frac{1}{2}$ x 9 $\frac{1}{2}$	BR	3	12'-14' Runabouts 1-2 Passengers			
			AM194	10.50	8 x 8 $\frac{1}{2}$	BR	3	14'-16' Runabouts 1-3 Passengers, skis			
			10 H.P. Twins	WG7A		K31	9.90	7 $\frac{1}{2}$ x 10	BR	3	All Purpose
						K33	10.50	8 x 8	BR	3	14'-16' boats, all loads, skis
AJ51	12.00	8 $\frac{1}{4}$ x 9				B	2	12'-14' Runabouts 1-2 Passengers			
10 H.P. Twins	WJ7-WM7	1954-55	K48	9.90	7 $\frac{1}{2}$ x 8	BR	3	12'-16' Boats, all loads, skis			
			K49	9.90	7 $\frac{1}{2}$ x 9	BR	3	All Purpose			
			AJ53	13.20	8 $\frac{1}{8}$ x 9 $\frac{1}{2}$	BR	2	Light planing boats, light load			
			AM195	10.50	8 x 8 $\frac{1}{2}$	BR	3	14'-16' Runabouts 1-3 Passengers, skis			
			Powermatic (Shift)	WH-7-WK7 WN-7	1952-55	AJC550	14.40	9 x 11	AL	2	Light planing boats, light load
AJC551	18.00	9 x 11				BR	2	Light planing boats, light load			
AJC552	18.00	9 x 10				BR	2	12'-14' Runabouts 1-2 Passengers			
AMC500	15.60	9 x 10				AL	3	12'-14' Runabouts 1-2 Passengers			
AMC501	18.00	9 x 10				BR	3	12'-14' Runabouts 1-2 Passengers			
AMC502	18.00	9 x 9				BR	3	14'-16' boats, all loads, skis			
AMC503	15.60	9 x 9				AL	3	14'-16' boats, all loads, skis			
AMC540	16.80	9 $\frac{1}{2}$ x 8				AL	4	X-Heavy boats, heavy loads, 1 or 2 skiers, 16'-18' cruisers one engine, 19'-23' cruisers twin engine			
AMC541	16.80	9 $\frac{1}{2}$ x 9				AL	4	14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines			

## RACING PROPELLERS FOR RACING MOTORS

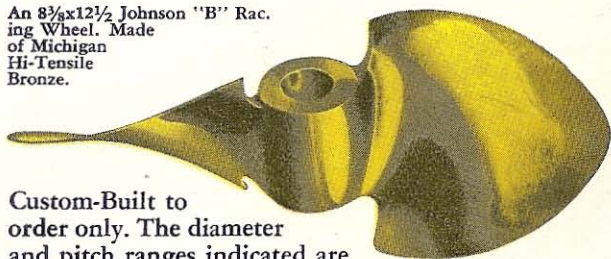
(Order by Diameter, Pitch, Motor Make and Class)

### Hi Tensil Bronze

	DIAMETER RANGE	PITCH RANGE	PRICE
Midget Evinrude	6 $\frac{7}{8}$ " to 7"	9" to 9 $\frac{1}{4}$ "	\$15.00
"A" Johnson	7 $\frac{1}{2}$ " to 7 $\frac{3}{4}$ "	11 $\frac{1}{2}$ " to 12"	18.00
"B" Johnson	8 $\frac{1}{4}$ " to 8 $\frac{1}{2}$ "	12 $\frac{1}{2}$ " to 13"	20.00
"C" Johnson	8 $\frac{3}{4}$ " to 9"	14 $\frac{1}{2}$ " to 15"	20.00
"C" Evinrude	8 $\frac{3}{4}$ " to 9"	14 $\frac{1}{2}$ " to 15"	20.00

Michigan outboard racing wheels hold more world's records and important wins than all others combined. All propeller sizes listed above are of the two blade style, from special racing design patterns and are

An 8 $\frac{3}{8}$ x12 $\frac{1}{2}$  Johnson "B" Racing Wheel. Made of Michigan Hi-Tensile Bronze.



Custom-Built to order only. The diameter and pitch ranges indicated are normally within the range required for hydroplane racing installations.



# QUALITY FITTINGS THAT DRESS UP YOUR BOAT AND ADD TO YOUR BOATING PLEASURE



No. 304 & 5



No. 301



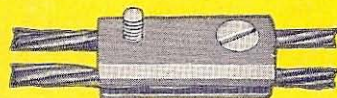
No. 307



No. 313



No. 311



No. 306



No. 319



No. 303



No. 334-5



No. 336



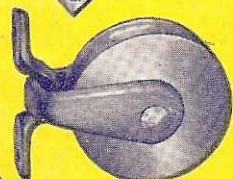
No. 333



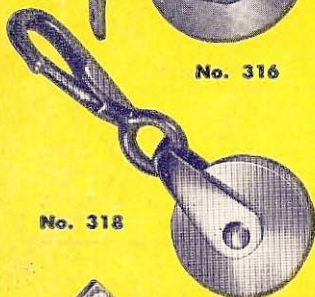
No. 330



No. 308



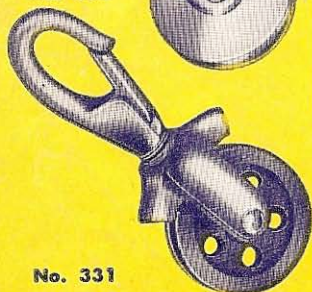
No. 316



No. 318



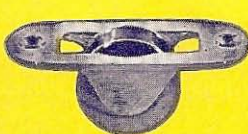
No. 332



No. 331



No. 328



No. 326



No. 322



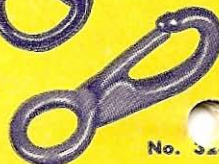
No. 327



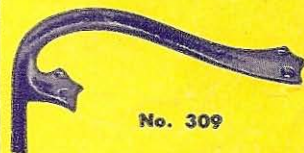
No. 324



No. 312



No. 323



No. 309



No. 329



No. 320



No. 302



No. 315



No. 327

No.	Plain Alum.	Polished Alum.	Plain Brass	Chrome
301 Rope Guide 3/8" Rope Size.....	\$ .20		\$ .26	\$ .74
302 Lifting Handle .....		\$1.72	.72	2.25
303 Bow Chock .....		2.80 Pr.	1.50 Pr.	3.65 Pr.
304 Cleat (3 1/2") .....		.88	.45	1.20
305 Cleat (5") .....		1.12	.70	1.50
306 Rope Clamp (3/16") .....	.28		.36	
306 Rope Clamp (1/4") .....	.32		.46	
*307 Check Block (1/4" rope) .....	1.20		1.50	2.30
*308 Pulley (1 3/4" Wheel) .....			1.70	3.60
309 Bow Handle (7" lg.) .....	.94	2.35	1.75	3.25
311 Bow Eye Forging (4" long Stud)			1.05	2.20
312 Snap Clamp Cadmium plated steel				.35
313 Fender Cleat (1/4" rope).....		.72	.26	.95
315 Rope Tightener double spring				.45
*316 Pulley 2" Alum. wheel brass strap .....	1.20		1.50	
*318 Pulley Alum. Brass Snap....	2.00		2.20	4.72
319 Rope Guide 3/8" Rope Size	.22		.28	.76
320 Lifting Handle .....		1.35	.85	2.20
*322 Pulley .....	.90		1.10	2.00
323 Snap (3/8" opening).....			1.00	
323 Snap (5/8" opening).....			1.25	
324 Drain Plug, 2" high, 1" diam.			2.25	
*326 Block (thru-transom) 1/4" rope .....	1.10		1.30	1.76
327 Galvanized steel shackles 1/4" screw pin				.78
*328 Swivel Pulley .....	1.84		2.04	4.50
329 Lifting Handle (flatside)....		1.70	.85	2.40
330 Rope Clamp, Brass, Adj.....			1.00	
*331 Swivel snap pulley.....	2.08		2.40	5.32
*332 Pulley .....	1.50		1.80	4.10
333 Lift eye cleat, 4" .....		2.60	1.44	3.60
334 Cleat, 3" .....		1.32	.66	1.88
335 Cleat, 4" .....		1.62	.76	2.10
336 Ski Tow Hook .....			1.40	3.10

\*NYLON WHEELS available in plain brass or chrome. Specify nylon when ordering.



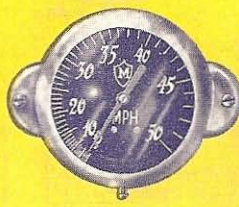
# QUALITY FITTINGS THAT DRESS UP YOUR BOAT AND ADD TO YOUR BOATING PLEASURE



No. 201  
Speedometer



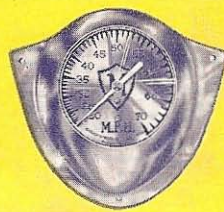
No. 202  
Speedometer



No. 203  
Speedometer



No. 204  
Speedometer



No. 205  
Speedometer



No. 210  
Pitot Tube

## WATER SPEEDOMETERS

No. 201, 202, 203, 205 Polished Aluminum case. Precision instruments — accurate within 1%. Corrosion Resistant Throughout. Easily installed on any outboard boat. Essential in trimming your boat, checking propellers, fuels, etc.

No. 201 Registers 0-35 mph — complete with 14' plastic tube and adjustable Pitot tube.....\$12.00

No. 202 Registers 10-50 mph — complete with 14' plastic tube and adjustable Pitot tube.....\$14.00

No. 203 Registers 10-50 mph complete with 10' plastic tube and adjustable Pitot tube. Small case designed for use on racing, runabout or boats with narrow dash.....\$10.50

No. 204 Red Steel case. Chrome Face Ring. Registers 0-35 m.p.h. — complete with 8' plastic tube and adjustable Pitot tube.....\$7.00

No. 205 Registers 20-70 mph — complete with 14' plastic tube.....\$18.90 Deluxe model.

## SPEEDOMETER SPARE PARTS

No. 208 Pitot Tube.....\$1.50

No. 209 Transom Clip — use with 208 Pitot.....\$.45

No. 210 Pitot Tube.....\$2.40

(Deluxe) Complete with bracket, standard equipment for all speedometer models. Fully adjustable. Swings on impact to prevent breakage.

Plastic Tubing, per foot.....\$.18

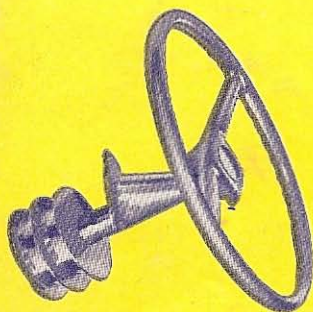
No. 209  
Transom  
Clip



No. 208  
Pitot Tube

## AQUA-MASTER STEERING WHEELS

Fine quality low cost steering wheels made of corrosion resistant high tensile aluminum, hard rubber, covered with non-slip grip. Bright clear lacquer finish. Standard wheel 15" diameter.



DeLuxe Steering Wheel for Runabouts. Angle mounting designed to fit any angle dash.

No. 413 Red 2 Spoke..\$15.30  
No. 414 Ivory 2 Spoke 15.30  
No. 415 Black 2 Spoke 15.30  
No. 416 Green 2 Spoke 15.30

No. 401 Black 3 Spoke \$15.30  
No. 402 Red 3 Spoke.. 15.30  
No. 403 Ivory 3 Spoke 15.30



Universal Steering Wheel. Steering cable drum may be mounted forward or aft of dash.

No. 435 Red 2 Spoke..\$15.30  
No. 436 Green 2 Spoke 15.30  
No. 437 Black 2 Spoke 15.30  
No. 438 Ivory 2 Spoke 15.30

No. 404 Red 3 Spoke..\$15.30  
No. 405 Ivory 3 Spoke 15.30  
No. 406 Black 3 Spoke 15.30



Racing Type Steering Wheel. Our most popular model. Heavy Duty Construction. Available standard and 12" wheel.

No. 421 Red 2 Spoke..\$15.30  
No. 422 Ivory 2 Spoke 15.30  
No. 423 Black 2 Spoke 15.30  
No. 424 Green 2 Spoke 15.30

No. 410 Red 3 Spoke..\$15.30  
No. 411 Ivory 3 Spoke 15.30  
No. 412 Black 3 Spoke 15.30  
12" Wheel

No. 417 Red 2 Spoke..\$15.00  
No. 418 Gold 2 Spoke 15.00  
No. 419 Green 2 Spoke 15.00



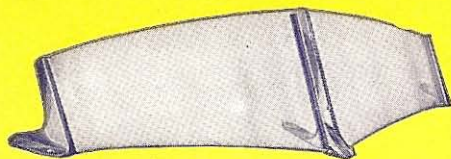
40° Mounting. Recommended for use with boats having straight dash.

No. 430 Red 2 Spoke..\$15.30  
No. 431 Ivory 2 Spoke 15.30  
No. 432 Black 2 Spoke 15.30  
No. 433 Green 2 Spoke 15.30

These fine steering wheels will assure your boat of top steering performance and add immeasurably to your boating enjoyment. There is a steering wheel for every type of craft. Be sure to specify the one suited to your boat.



# QUALITY FITTINGS THAT DRESS UP YOUR BOAT AND ADD TO YOUR BOATING PLEASURE



No. 501

**No. 508 BILGE PUMP**  
— Zinc coated steel.  
1½" diameter, 24" long.  
Pumps 10 gallons per  
minute .....\$3.95



No. 504

**No. 501 WINDSHIELD  
BRACKETS** — Three piece set.  
Grooves for ¼" glass. Glass  
not included. Ht. ends 4¾",  
Center 8".  
Polished Aluminum .....\$11.75  
Chrome ..... 15.50

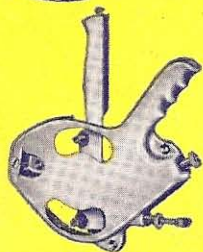
**No. 504 WINDSHIELD BRACKETS**  
— For use with curved Plexi-glass  
windshield. Two curved side brackets  
and one center hold-down bracket.  
Plexi-glass not included.

Polished Aluminum .....\$18.00  
Chrome .....\$31.00

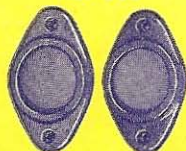
**No. 505 RUBBER LIP CHANNEL**  
available in lengths as ordered for No.  
504 brackets .....22 per ft.

**No. 506 RACING THROTTLE.** New  
improved construction. Red crinkle or  
green finish (specify). Automatic cut  
off on pressure release.

Aluminum...\$7.25 Painted...\$8.00



No. 506



No. 516

**Transom Plates**  
(With leathers) Plain  
Plain Brass.... \$75 pr.  
Plain Alum... \$60 pr.



**No. 515 TRANSM  
PLATES** — Corru-  
gated aluminum for  
firm motor grip. Pair  
may be used vertically  
or horizontally.  
Plain Brass \$1.75 pr.  
Plain Alum. ... 1.00 pr.



No. 509



**No. 325 UNIVERSAL DRIP PAN**  
— Aluminum. Large enough for  
all motors, drilled.....\$2.50



**No. 522 GAS CAN HOLDERS** —  
Set of 3 furnished. Fastened to bot-  
tom of boat. Holds gas can in 3  
places by tightening thumb screws.  
Use on tanks with rim on bottom.  
Set of 3.....\$4.95

**No. 509 THROTTLE**  
Side Mounting Runabout  
Throttle  
Positive, accurate speed  
control

Plain Alum. ....\$4.35  
Polished Alum. .... 6.25  
Red Painted Alum... 5.75  
Green Painted Alum. 5.75

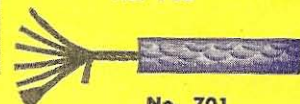


No. 502

**No. 502 OUTBOARD RAC-  
ERS' MANUAL.** Completely  
explains the "HOW" and  
"WHY" of readapting out-  
boards for racing. Illustra-  
tions, charts, graphs. Every  
outboard racer should have a  
copy .....\$3.75



No. 702



No. 701

No. 508

**No. 702 BOWDEN WIRE**.... \$15 ft.  
Cadmium plated steel casing, wire  
core.

**No. 701 TILLER ROPE 3/16"** (wire  
core). Color Mahogany.....\$ 12 ft.  
**No. 703 NYCABE CABLE 3/16"**  
Nylon covered steel 1,000-lb. test.  
Will not fray — \$30 ft.

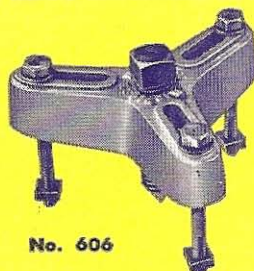
**No. 520 OUTBOARD TRAILER  
WINCH** — Hi-tensile body, manga-  
nese bronze gears. Red or green fin-  
ish (specify). Holds 35' ¼" cable,  
offset handle .....\$16.00



No. 703



No. 520



No. 606

**No. 606 UNIVERSAL FLYWHEEL  
PULLER** — Cast aluminum. Nuts  
and bolts included.....\$3.30



No. 513-514

**Positive Protection for Outboard  
Motors.** Heavy plated steel cylin-  
der, all brass lock, with two keys.

**No. 513 MOTORLOCK** fits small  
motors to 10 H.P. 9" size.....\$5.95

**No. 514 MOTORLOCK** fits motors  
10-50 H.P. 12" size.....\$7.95

**No. 517 TRANSM PLATE**  
Heavy leather pads fit any out-  
board. Plain Brass .....\$2.45  
Plain Alum. .... 2.25



No. 510  
No. 512

**No. 510 FIN.** (for class M  
& A boats). Area 23 sq.  
in. High Tensile Alumi-  
num Plain .....\$1.25  
With Buffed Finish.. 1.75  
(Screw holes provided)  
**No. 512 FIN.** (for class B  
& larger). Area 38 sq. in.  
High Tensile Aluminum  
Plain .....\$1.50  
With Buffed Finish.. 2.00  
(Screw holes provided)

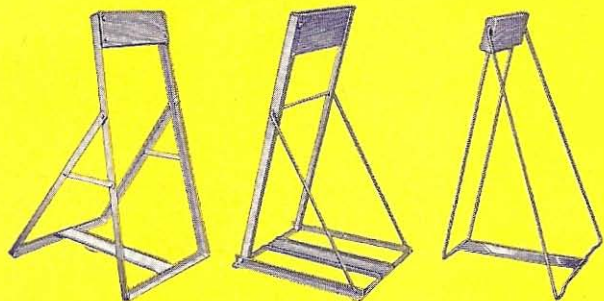


No. 517



# MICHIGAN OUTBOARD MOTOR STANDS AND CARTS

Michigan's high quality carts and stands are a "must" for all outboard owners. Ruggedly built; finest workmanship. All hi-tensile tubing, attractively finished in green with oil-resisting red grips. Wheels are semi-pneumatic, properly proportioned for intended loads. All are individually cartoned except No. 854.



**No. 860** — Our largest heavy duty stand. Will accommodate all motors. Folds. Shipping wt. 13 lbs. \$6.90

**No. 861** — Very good motor stand for medium and large motors. Our most popular stand. Folds. Shipping wt. 13 lbs. \$6.00

**No. 862** — Economy model, light weight stand for small motors only. Shipping wt. 7 lbs. \$3.50



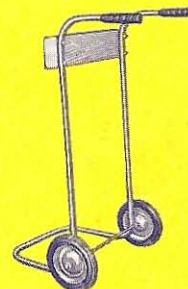
**No. 851** — Our largest, finest cart, takes 25 HP or larger motor. Complete with bracket for gas can. Ruggedly built. Folds. Wheel size: 10" x 1 3/4". Shipping wt. 21 lbs. \$21.90



**No. 852** — Sturdily built cart easily accommodates large motors. With gas tank bracket. Folds. Wheel size: 8" x 1 3/4". Shipping wt. 17 lbs. \$15.90



**No. 853** — Ideal cart for light and medium weight motors. Folds. Wheel size: 8" x 1 1/4". Shipping wt. 15 lbs. \$12.90



**No. 854** — Our lowest price cart. Very popular for small or medium motors. Does not fold. Wheel size: 7" x 1 1/4". Shipping wt. 8 lbs. \$9.00

## TACHOMETERS



### No. 528 Tachometer

**No. 528** — Reed type vibrator tachometer. Easy, inexpensive way to check engine RPM. Vibrating needle is accurate within 50 RPM. \$5.00



### No. 207 Tachometer

**No. 207** Tachometer (2 cycle) permanent installation. Accurate readings 0-8000 r.p.m. Installed by attaching to magneto terminal and ground. Waterproof. \$38.00

**No. 207C** Tachometer same as above but for 4-cylinder motors \$40.00



### No. 206 Tachometer

**No. 206** Tachometer (2 cycle) portable. Accurate readings from 0-8000 r.p.m. Installed by attaching to spark plug and spark wire lead. \$58.00

## MOTOR BRACKET

Carry an auxiliary motor or trolling motor on your large runabout or cruiser. Cast aluminum sides, wood mounting board. Bored for 1/4" bolts. Template furnished to mark boat transom for easy installation.

**No. 525** — 8 1/2" long board, \$7.50

**No. 526** — 11" long board, \$9.00



No. 525-6



**No. 212 PRESTO FIRE EXTINGUISHER** — New Miracle "CB" extinguisher. Less toxic than carbon tet, does not freeze, more effective in putting out all fires. Complete with mounting bracket ready for instant action — guaranteed against corrosion or deterioration. \$3.98

**No. 213** — Same as No. 212 but chrome \$4.95

**No. 214** — Same as No. 212, except double capacity \$5.95

**REFILLS** — All models \$1.85  
Send empty extinguisher to us.

NOTE: Dealers check your local ordinance covering licensing for sale of fire extinguishers.

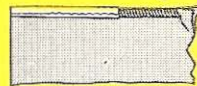




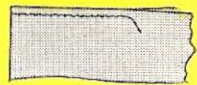
# AQUA-MASTER LIFE SAVERS

Quality Life Jackets to  
Assure Your Water Safety

To guarantee safety and add to your boating pleasure, rely on Aqua-Master Life Savers. Jackets and boat accessories are made of finest, government-approved java kapok (sealed in waterproof vinyl casings where indicated) for maximum buoyancy. Finest materials, heavy twill or water repellent poplin, plus sturdy double stitching and expert craftsmanship assure years of rugged service and dependability. Aqua-Master Life Jackets are functionally designed and made in sizes to meet every life jacket need.



Aqua-Master Double  
Stitching, Tape  
Reinforced



Ordinary Single  
Stitching with-  
out Tape



No. 170-172

Racing jacket with cushion collar, three pockets, adjustable straps, zipper. Water repellent poplin in Kelly Green, Royal Blue, Scarlet Red, or Brilliant Yellow. No. 170 Medium, to 32" chest, \$13.45. No. 172 Large, 32 to 34" chest, \$15.45.



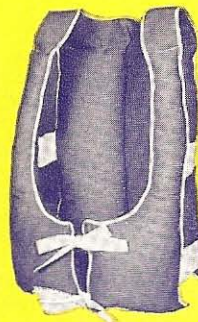
No. 140-142

U.S. Coast Guard Vest, approved for use on federal vessels. Cork blocks enclosed in Indian Orange drill. Front tie strap. No. 140 Adult size, \$9.00. No. 142 Child size, \$8.10.



No. 134V

Sportsmen's Vest—lightweight poplin jacket with cutaway feature for freedom of movement; zipper, adjustable web strap. Vinyl Sealed inserts. Fits chest 32 to 34". \$6.50.



No. 130

Ski-jac-ette. Ladies' jacket designed for water sports. Tie strings and elastic waist bands. Finest twill in Red or Bay Blue. Universal size, \$6.50.



No. 120-120V

Adult life jacket with front ties and waist bands to assure snug fit. Heavy twill in Scarlet Red or Bay Blue. Small, 28-32"; Medium, 32-38"; Large, 38-44" chest, \$6.30. No. 120V, with kapok electronically sealed in vinyl casings for greater buoyancy. \$6.75.



No. 122-122V

Children's life jacket with leg straps and self-adjusting side bands to assure correct fit. Cannot slip or fall off. Heavy twill in Scarlet Red or Bay Blue. Small, 2-4 yrs., \$3.75; Medium, 4-7 yrs., \$4.20; Large, 7-12 yrs., \$4.75. No. 122V, with kapok electronically sealed in vinyl casings. Small \$4.00; Medium \$4.50; Large \$5.05.



No. 132

Ski-Jak—men's water ski jacket. Cool, comfortable, extra lightweight. Cannot slip off. Water repellent poplin in Kelly Green, Royal Blue, Scarlet Red, Brilliant Yellow. Small, 28-32", \$4.00; Medium, 32-38", \$4.75; Large, 38-44" chest, \$5.30.



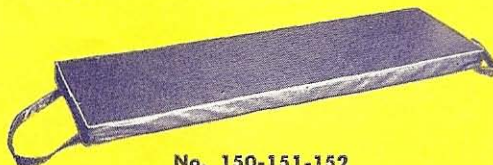
No. 160

DeLuxe motor cover. Made of finest water repellent, mildew resistant duck. Heavy duty tape ties. Small, up to 7½ HP, \$2.90; Medium, 8 to 15 HP, \$3.30; Large, 16 to 25 HP, \$5.30.



No. 156

Fishermen's Cushion. For comfortable sitting and positive water safety. Heavy bright red twill. Lightweight. Size 16 x 16". \$3.15.



No. 150-151-152

Seat-length cushion. Vinyl leatherette covered paratex, rubberized hair, makes comfortable, soft, springy cushion that will not mat down. Blue, Green, or Red. No. 150, 44 x 14 x 2", \$8.75; No. 151, 48 x 14 x 2", \$9.40; No. 152, 54 x 14 x 2", \$10.50.

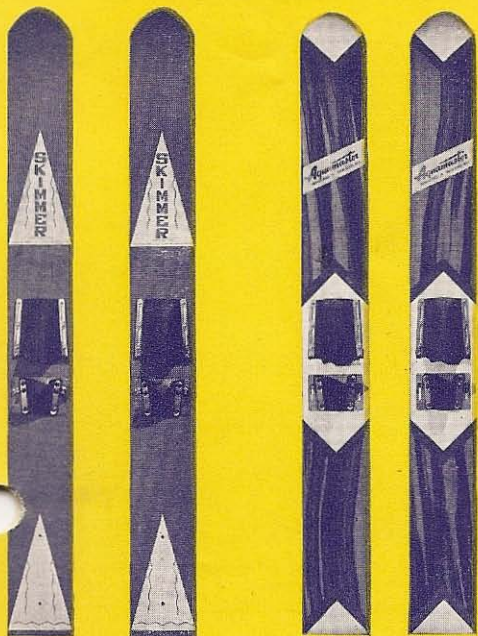


No. 158

Box type cushion, approved by U.S. Coast Guard. Vinyl leatherette covering with strong welted seams. Sturdy carrying straps. \$4.00.



# AQUA-MASTER WATER SKIS



No. 90 \$19.80

No. 92 \$24.00

**No. 90** — Finest skis made at this low price. Ideal for beginner and advanced skier. Light, tough, fast, bouyant. Suitable for use with outboard or inboard. Seven-ply moulded plywood . . . waterproof adhesive . . . adjustable bindings fit any foot . . . curve of ski will not flatten out . . . bright red, durable enamel finish . . . each pair matched and balanced. Strong enough for most severe use. Size: 67½" long, 7" wide, 11/16" thick. Individually cartoned. Mailable to 2nd class Post Offices. 18 lbs.

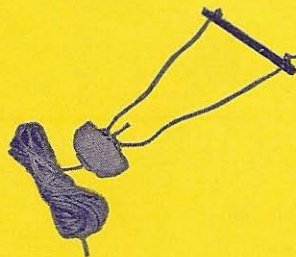
**No. 92** — Same as above except in natural finish in spar varnish with red and white enamel trim.

for Novice  
or Expert

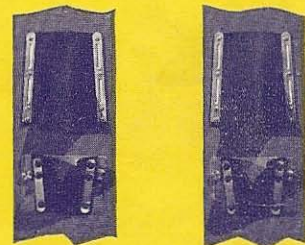


No. 91 \$15.30  
Water Ski Kit

Same fine construction as No. 90 and 92 skis. Furnished complete as a kit with panels, adjustable foot pieces, screws, etc., with full instructions for attaching foot pieces and finishing. Easy to assemble.



No. 100 Ski Tow Rope  
Strong ¼" Manila Tow Line. Round hardwood handle, 14" long. Wood float. Rope is 60 ft. long. \$3.90



No. 900-901

**No. 900** — Pr. toe rubbers and aluminum attaching strips, complete...\$3.00

**No. 901** — Pr. heel rubbers and aluminum attaching strips, complete...\$2.40

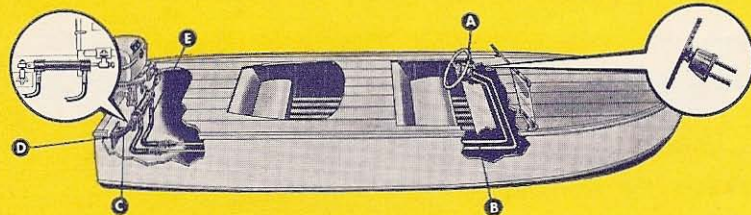
## AQUA-MASTER HYDRAULIC STEERER



**No. W 1**  
DASH MOUNTING BRACKET  
For use with narrow or straight dash.



**No. B 1, 2, 3, 4, 5**  
MOTOR ATTACHING BRACKET  
Adapted to fit popular makes of motors.



Aqua-Master Hydra-Steer Unit.....	\$59.95
(No. 450 Red Wheel, No. 451 Green, No. 452 Black, No. 453 Ivory)	
Hydra-Fluid, 2 qt. can.....	2.50
No. W 1 Dash Mounting Bracket.....	2.95
Copper Tubing, 3/8" dia. 30' coil.....	10.78
Motor Attaching Brackets:	
No. B 1 (Evinrude 15, 25; Johnson 10, 25; Buccaneer 12 H.P.)..	3.40
No. B 2 (Mercury Mark 20; Evinrude 7½; Johnson 5 H.P.)....	3.40
No. B 3 (Mercury Mark 50 H.P.).....	3.40
No. B 4 (Scott Atwater 16; Firestone 16 H.P.).....	3.40
No. B 5 (Scott Atwater, 5, 7½, 10 H.P.).....	3.40

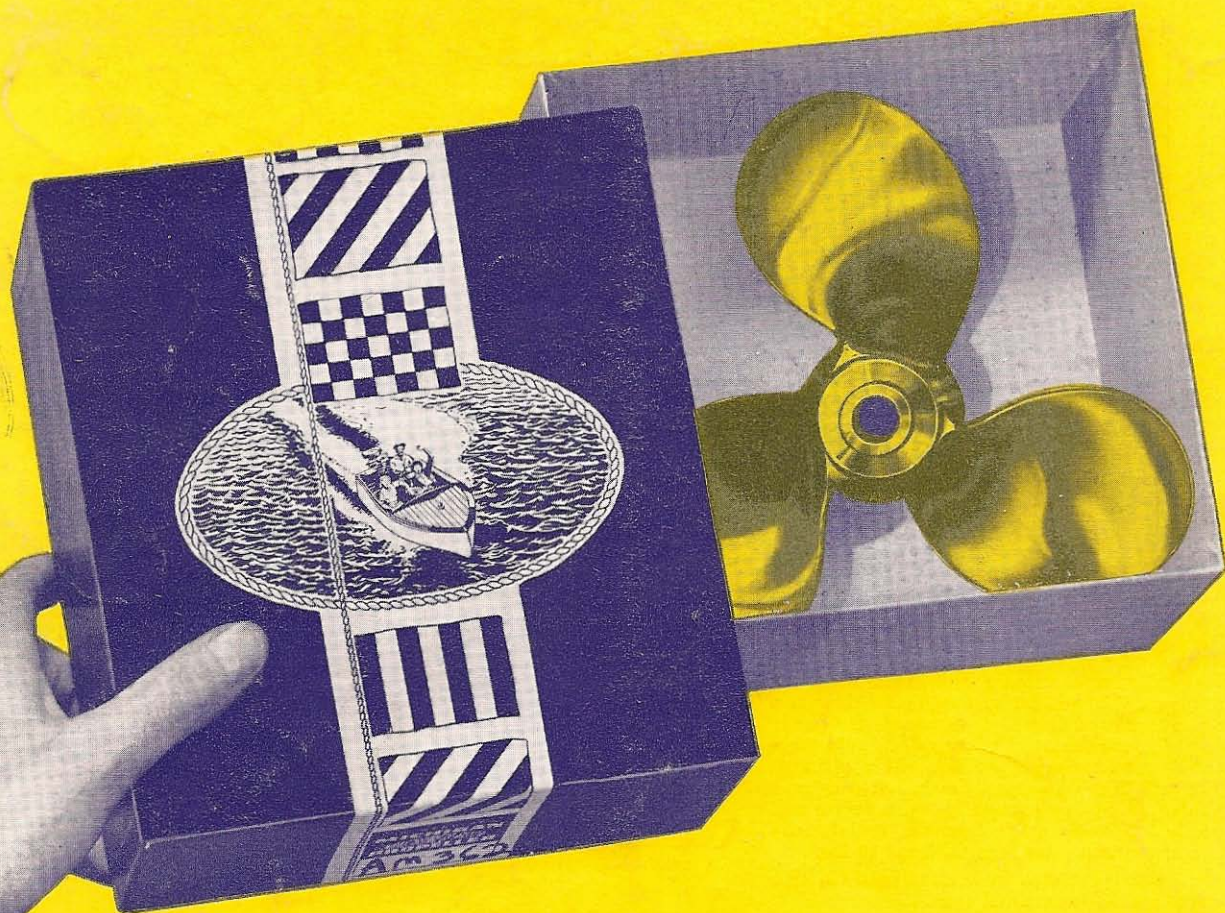
Write for Adaptors for Motors not listed.

### EASY-TO-INSTALL HYDRAULIC STEERING SET GIVES INSTANT RESPONSE TO FINGER-TIP PRESSURE

New hydraulic steering unit gives your boat the safe, positive action you expect from a car. No more tiller ropes or pulleys to break.

Here's how it works: As wheel is turned, threaded steering shaft moves piston in steering housing cylinder (A), forcing hydraulic fluid to flow in opposite directions through copper tubes (B). Pressure activates piston in after cylinder (C), forcing operating rod to turn the way wheel is turned. After cylinder is connected to mounted bracket by joint (D) for freedom of action. Rubber tubing (E) absorbs bending, keeps copper tubes straight. No time is lost between turning wheel and movement of rudder because system is completely filled with fluid.





One of the marks of a genuine MICHIGAN outboard propeller is the distinctive blue box in which each new propeller is delivered. In addition to insuring perfect condition of the propeller until placed in your hands, it affords insurance against substitution. Furthermore, it marks the product as a propeller which has been painstakingly engineered to provide the maximum of performance for the motor, boat and load conditions for which it has been recommended.