

4-6 HORSEPOWER

Non-Thru Hub Exhaust & 9 Tooth Spline

4 HP 2-Stroke1986-1999 5 HP 2-Stroke 1995-2002 F6A 4-Stroke (1 Cyl.)2011 & Newer
 F4 4-Stroke..... 1999 & Newer

Boat Description/ Length	MICHIGAN MATCH					
	ALUMINUM PROPELLERS					
	Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #
	7-1/2	R	7	3	6E0-45943-01-00	102017
	7-1/2	R	8	3	6E0-45941-01-00	102018



Rubber
Hub
Bushing

6-9.9 HORSEPOWER

Thru Hub Exhaust & 7 Tooth Spline • Replaces Yamaha® “N” Series Propellers

6 HP 2-Stroke1986-2000 8 HP 2-Stroke 1986-2009 F9.9 4-Stroke2008 & Newer
 F6 4-Stroke.....2001-2010 F8 4-Stroke2001 & Newer

Boat Description/ Length	MICHIGAN MATCH					
	ALUMINUM PROPELLERS					
	Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #
General Usage	8-1/2	R	7-1/2	3	6G1-45943-00-00	102002



Rubber
Hub
Bushing

8 HORSEPOWER

Non-Thru Hub Exhaust & Pin Drive

8 HP1976-1983

Boat Description/ Length	MICHIGAN MATCH					
	ALUMINUM PROPELLERS					
	Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #
14'-16' - AL	8-1/4	R	8	3		012008



Rubber
Hub
Bushing

9.9-20 HORSEPOWER • 2-1/2” GEARCASE

Thru Hub Exhaust & 8 Tooth Spline • Replaces Yamaha® “J” Series Propellers

9.9 HP 2-Stroke1984-2009 15 HP 2-Stroke 1984-2009 F15 C2007 & Newer
 F9.9 4-Stroke.....2000-2007 F15 4-Stroke1998 & Newer F20 4-Stroke2007 & Newer

Boat Description/ Length	MICHIGAN MATCH					
	ALUMINUM PROPELLERS					
	Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #
14'-20' - HL	9-1/4	R	8	3	63V-45947-00-00	102003
14'-19' - AL	9-1/4	R	9	3	63V-45945-10-00	102004
14'-19' - AL	9-1/4	R	9-3/4	3	683-45952-00-00	102106
14'-16' - AL	9-1/4	R	10-1/2	3	683-45943-00-00	102005
Up to 14' - LL	9-1/4	R	12	3	683-45941-00-00	102107



Rubber
Hub
Bushing

Did You Know?

Michigan Wheel propellers intended for use on Yamaha® engines will also fit Parsun® outboards and Selva® 4-Stroke outboards. Look for the Parsun® and Selva® engine listings on Pages 43-46.



15-28 HORSEPOWER

Non-Thru Hub Exhaust & Pin Drive

15A & W15 HP1976-1983 25 HP 2 Cyl. 1977-1979 28 HP 1976-1978
 20 HP.....1976-1978

Boat Description/ Length	MICHIGAN MATCH					
	ALUMINUM PROPELLERS					
	Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #
HB, SB	9-1/4	R	7	3	650-45943-01-36	012102
12'-14' - HL	9	R	9	3		012109
12'-14' - HL	9	R	10	3	651-45947-00-36	012011
12'-14' - AL	9-1/4	R	11	3	653-45941-01-36	012013



Rubber
Hub
Bushing

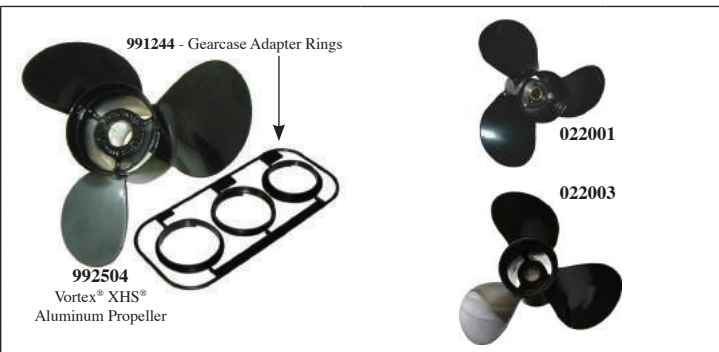
20-30 HORSEPOWER • 3" GEARCASE

Thru Hub Exhaust & 10 Tooth Spline • Replaces Yamaha® "F" Series Propellers • **!** MUST use Gearcase Adapter Ring supplied with propeller.

20 HP.....1996-1997 F25 4-Stroke..... 1998-2006; 2010 & Newer 30 HP 1983-2002
 25 HP.....1980 & Newer

Boat Description/ Length	MICHIGAN VORTEX					
	ALUMINUM - E SERIES PROPELLERS					
	Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #
16'-18' - AL	10-1/2	R	9	3		992501
14'-17' - AL	10-1/2	R	10	3		992502
14'-17' - AL	10-1/2	R	11	3		992503
13'-16' - LL	10-1/8	R	12	3		992504
13'-16' - LL	10-1/8	R	13	3		992505
13'-16' - LL	10-1/8	R	14	3		992506

Drop-In
Hub
Use XHS®
Hub Kit
123
!
MUST USE
GEARCASE
ADAPTER RING
SUPPLIED WITH
PROPELLER.



Boat Description/ Length	MICHIGAN MATCH					
	ALUMINUM PROPELLERS					
	Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #
16'-18' - AL	9-7/8	R	9	3	664-45941-01-00	022001
15'-17' - AL	9-7/8	R	10-1/2	3	664-45945-00-00	022002
14'-16' - AL	9-7/8	R	11-1/4	3	664-45947-10-00	022004
13'-16' - LL	9-7/8	R	12	3	664-45954-01-00	022003
13'-16' - LL	9-7/8	R	13	3	664-45949-02-00	022005
Up to 15' - LL	9-7/8	R	14	3	664-45952-00-00	022006
Up to 15' - LL						

Rubber
Hub
Bushing

Boat Description/ Length	MICHIGAN BALLISTIC					
	STAINLESS STEEL - E SERIES PROPELLERS					
	Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #
	10-1/8	R	13	3		※ 933013
	10-1/8	R	15	3		※ 933015

Drop-In
Hub
Use XHS®
Hub Kit
123
!
MUST USE
GEARCASE
ADAPTER RING
SUPPLIED WITH
PROPELLER.

Note: ※ May interfere with trim tab.

Did You Know?

A recently conducted independent survey, conducted in cooperation with Michigan Wheel, found Michigan Wheel to have the highest overall customer satisfaction among aftermarket propeller manufacturers.

25-60 HORSEPOWER • 3-1/2" GEARCASE

Thru Hub Exhaust & 13 Tooth Spline • Replaces Yamaha® "G" Series Propellers

T25 HP.....2010 & Newer	48 HP.....1995-2000	55 HP.....1976-1995
F30 4-Stroke.....2001-2005; 2015 & Newer	50 HP (Not T50).....1984 & Newer	60 HP.....1976-1991
40 HP (Includes 40C).....1984 & Newer	F50 4-Stroke.....1995 & Newer	F60 4-Stroke.....1999 & Newer
F40 4-Stroke.....1999 & Newer		

MICHIGAN VORTEX										Drop-In Hub Use XHS® Hub Kit 117 Refer to Pages 55-56 for Details on Hub Kit Components.	MICHIGAN APOLLO						Drop-In Hub Use XHS® Hub Kit 117 Refer to Pages 55-56 for Details on Hub Kit Components.			
ALUMINUM - D SERIES PROPELLERS									STAINLESS STEEL - D SERIES PROPELLERS											
3-BLADE			LG. DIAMETER 3-BLADE			4-BLADE														
Dia.	Rot.	Pitch	Part #	Dia.	Rot.	Pitch	Part #	Dia.	Rot.		Pitch	Part #	Dia.	Rot.	Pitch	Bld #		OEM Part #	Part #	
								11-1/2	R		8	992401								
				12-1/4	R	9	992601	11-1/2	R		9	992402								
				11-3/4	R	10	992602	11-1/2	R		10	992403								
10-3/8	R	11	992404	11-5/8	R	11	992603	4-BLADE												
10-3/8	R	12	992405	11-3/8	R	12	992604	10-5/8	R		12	941212	10-3/4	R	12	3		MAR-10512-HR-C0	993405	
10-3/8	R	13	992406	11-1/8	R	13	992605	10-3/8	R		13	941213	10-1/2	R	13	3		MAR-10513-HR-C0	993406	
10-3/8	R	14	992407	11-1/4	R	14	992606	10-1/8	R	14	941214	10-3/8	R	14	3	MAR-10514-HR-C0	993407			
10	R	15	992408					10-1/8	R	15	941215	10-1/8	R	15	3	MAR-10515-HR-C0	993408			
10	R	16	992409																	

MICHIGAN MATCH										Rubber Hub Bushing	MICHIGAN BALLISTIC						Drop-In Hub Use XHS® Hub Kit 117 Refer to Pages 55-56 for Details on Hub Kit Components.
ALUMINUM PROPELLERS									STAINLESS STEEL - D SERIES PROPELLERS								
Boat Description/ Length	Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #	Dia.	Rot.	Pitch		Bld #	OEM Part #	Part #				
18' & Up - HL	12-1/4	R	9	3	663-45956-01-00	032046											
17' & Up - HL	11-3/4	R	10	3		032045											
16'-18' - AL, SK	11-5/8	R	11	3	69W-45947-00-00	032044											
15'-17' - CUPPED	10-5/8	R	12	3	6H5-45952-00-00	031074											
15'-17' - AL, SK	11-3/8	R	12	3	69W-45952-00-00	032043											
14'-17' - CUPPED	10-3/8	R	13	3	6H5-45945-00-00	031075											
14'-17' - AL, SK	11-1/8	R	13	3	69W-45945-00-00	032042	10-1/8	R	13		3		933213				
14'-16' - CUPPED	10-1/4	R	14		6H5-45958-00-00	031076											
14'-16' - LL	11-1/4	R	14	3	69W-45958-00-00	032041											
12'-14' - LL	11	R	15	3	69W-45943-00-00	032040	10-1/8	R	15	3		933215					

80-140 HORSEPOWER

Thru Hub Exhaust & 15 Tooth Spline

80 HP.....1977-1983	90 & 115 HP.....1978-1983	140 HP.....1978-1979
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See Mercury® 40-140 HP Product Offering on Page 25.

150-175 HORSEPOWER

Thru Hub Exhaust & 15 Tooth Spline

150 HP.....1979-1983	175 HP.....1978-1979
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See Mercury® V-6 Product Offering on Page 26.

50-130 HORSEPOWER • 4-1/4" GEARCASE

Thru Hub Exhaust & 15 Tooth Spline • Replaces Yamaha® "K" Series Propellers

T50 HP 1996 & Newer	75 HP (Includes C75/E75/P75) 1994-1999	90 HP (Includes C90) 1984 & Newer
T60 HP 2003 & Newer	80 HP 1997	F100 4-Stroke 1999-2002
60 HP (Includes C60/E60/P60) 1992-2005	F80 4-Stroke 1999-2002	F115 4-Stroke 2000 & Newer
F70 4-Stroke 2010 & Newer	85 HP 1991-1997	115 HP (Includes C115/P115) 1984 & Newer
70 HP 1984 & Newer	F90 4-Stroke 1999 & Newer	130 HP 1984-2003
F75 4-Stroke 2003 & Newer		

MICHIGAN — VORTEX —					MICHIGAN — APOLLO —				
3-BL ALUMINUM - B SERIES					4-BL ALUMINUM - B SERIES				
Dia.	Rot.	Pitch	Bld #	Part #	Dia.	Rot.	Pitch	Bld #	Part #
14	R	10	3	992109					
14	R	11	3	992111	13-7/8	R	11	4	941411
14	R	13	3	992112	13-7/8	R	13	4	941413
13-3/4	R	15	3	992113	13-3/8	R	15	4	941415
13-1/4	R	17	3	992114	13	R	17	4	941417
13	R	19	3	992115	12-1/2	R	19	4	941419
12-3/4	R	21	3	992116					

Drop-In Hub
Use XHS II® Hub Kit **203 / 208**
USE Gearcase Adapter Ring supplied with propeller.
Refer to Pages 55-56 for Details on Hub Kit Components.

MICHIGAN — APOLLO —					
STAINLESS STEEL - B SERIES PROPELLERS					
Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #
13-3/8	R	15	3		993143
13-3/8	L	15	3		993153
13-1/4	R	17	3	688-45930-02-00	993144
13-1/4	L	17	3	6L6-45930-01-00	993154
13-1/8	R	19	3	688-45970-03-00	993145
13-1/8	L	19	3	6L6-45970-00-00	993155
13	R	21	3	688-45972-02-00	993146
13	L	21	3	6L6-45972-00-00	993156

Drop-In Hub
Use XHS II® Hub Kit **203 / 208**
USE Gearcase Adapter Ring supplied with propeller.
Refer to Pages 55-56 for Details on Hub Kit Components.

Boat Description/ Length	MICHIGAN — MATCH —					
	ALUMINUM PROPELLERS					
	Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #
25' & Up	14	R	11	3		101036
22'-25' - AL	13-5/8	R	13	3	6E5-45949-00-00	101031
20'-24' - AL	13-1/2	R	15	3	6E5-45947-00-00	101032
20'-24' - AL	13-1/2	R	15	3		101132
17'-19' - AL	13-1/4	R	17	3	6E5-45945-01-00	101033
17'-19' - AL	13-1/4	R	17	3		101133
16'-18' - AL	13	R	19	3	6E5-45941-00-00	101034
15'-18' - AL	12-5/8	R	21	3		101035
High Performance						
High Performance						

Rubber Hub Bushing

MICHIGAN — BALLISTIC —									
STAINLESS STEEL - B SERIES PROPELLERS									
3-BLADE BALLISTIC					3-BLADE BALLISTIC XL				
Dia.	Rot.	Pitch	Bld #	Part #	Dia.	Rot.	Pitch	Bld #	Part #
13-5/8	R	15	3	933415					
13-1/2	R	17	3	933417					
13-3/8	R	19	3	933419					
13-1/8	R	21	3	933421					
					13-1/2	R	22	3	953422
					13-1/2	R	24	3	953424

Drop-In Hub
Use XHS II® Hub Kit **203 / 208**
USE Gearcase Adapter Ring supplied with propeller.
Refer to Pages 55-56 for Details on Hub Kit Components.

Note: For 115 HP, F115 (4-Stroke), and 130 HP engine applications use XHS II® (Drop-In Hub) Kit #203. For all other engine applications use XHS II® (Drop-In Hub) Kit #208.

Note: * Michigan Wheel high performance trim tab P/N 990341 is required when using stainless steel propellers on Yamaha 50-130 HP engines.

150-300 HORSEPOWER • 4-3/4" GEARCASE

Thru Hub Exhaust & 15 Tooth Spline • Replaces Yamaha® "M" or "T" Series Propellers

150 HP.....	1986 & Newer
F150 4-Stroke.....	2004 & Newer
175 HP.....	1984 & Newer
F175 4-Stroke.....	2014 & Newer
200 HP.....	1984 & Newer
200 HP V MAX®.....	2001
F200 4-Stroke.....	2002 & Newer
VF200 V MAX® SHO.....	2010 & Newer

220 HP (Special)	1984-1985
225 HP (Excel)	1987-1988
225 HP.....	1986 & Newer
F225 4-Stroke	2002 & Newer
VF225 V MAX® SHO	2010 & Newer
F225 Offshore	2010 & Newer
250 HP	1990 & Newer
250 HP V MAX®	2001

F250 4-Stroke	2002 & Newer
VF250 V MAX® SHO	2010 & Newer
F250 Offshore.....	2010 & Newer
300 HP	2004-2007
F300 Offshore.....	2010 & Newer

*For engines 300 HP or higher, use "High Horsepower Sleeve" (P/N 991372). See Page 48 for more details.

MICHIGAN VORTEX									
3-BL ALUMINUM - A SERIES					4-BL ALUMINUM - A SERIES				
Dia.	Rot.	Pitch	Bld #	Part #	Dia.	Rot.	Pitch	Bld #	Part #
16	R	13	3	992001					
15-1/4	R	15	3	992002					
16	R	16	3	931516					
15	R	17	3	992003	15	R	16	4	992202
14-1/2	R	19	3	992004	14-1/2	R	18	4	992203
14-1/4	R	21	3	992005	14	R	20	4	992204
14	R	23	3	992006					

Drop-In Hub
Use XHS II® Hub Kit
203
Refer to Pages 55-56 for Details on Hub Kit Components.

MICHIGAN APOLLO											
STD. 3-BLADE A SERIES				LG DIA. 3-BLADE A SERIES			4-BLADE A SERIES				
Dia.	Rot.	Pitch	Part #	Dia.	Rot.	Pitch	Part #	Dia.	Rot.	Pitch	Part #
14-3/8	R	15	993042								
14-3/8	L	15	993052								
14-1/4	R	17	993043	15-1/2	R	17	993023	14-5/8	R	16	993203
14-1/4	L	17	993053	15-1/2	L	17	993033	14-5/8	L	16	993213
14-1/8	R	19	993044	15-1/4	R	19	993024	14-3/8	R	18	993204
14-1/8	L	19	993054	15-1/4	L	19	993034	14-3/8	L	18	993214
14	R	21	993045	14-3/4	R	21	993025	14-1/8	R	20	993205
14	L	21	993055	14-3/4	L	21	993035	14-1/8	L	20	993215
13-7/8	R	23	993046	14-5/8	R	23	993026	14	R	22	993206
13-7/8	L	23	993056	14-5/8	L	23	993036	14	L	22	993216

Drop-In Hub
Use XHS II® Hub Kit
203
Refer to Pages 55-56 for Details on Hub Kit Components.

Boat Description/Length	MICHIGAN MATCH					
	ALUMINUM PROPELLERS					
	Dia.	Rot.	Pitch	Bld #	OEM Part #	Part #
20'-22' - AL., SK	15-1/4	R	15	3	6G5-45941-00-00	101025
19'-21' - AL., SK	14-1/2	R	17	3	6G5-45947-01-00	101027
19'-21' - AL., SK						
18'-20' - AL., SK	14	R	19	3	6G5-45945-01-00	101028
18'-20' - AL., SK						
18'-20' - AL., SK	13-3/4	R	21	3	6G5-45943-01-00	101029
18'-20' - AL., SK						
Up to 18' - AL., SK						
Up to 18' - AL., SK						
Up to 18' - AL., SK						
High Performance						
High Performance						
High Performance						
High Performance						
High Performance						
High Performance						
High Performance						

Rubber Hub Bushing

MICHIGAN BALLISTIC									
STAINLESS STEEL - A SERIES PROPELLERS									
3-BLADE BALLISTIC					3-BLADE BALLISTIC XL				
Dia.	Rot.	Pitch	Bld #	Part #	Dia.	Rot.	Pitch	Bld #	Part #
14-7/8	R	15	3	933515					
14-3/4	R	17	3	933517					
14-3/4	L	17	3	937517					
14-1/2	R	19	3	933519					
14-1/2	L	19	3	937519					
14-3/8	R	21	3	933521					
14-3/8	L	21	3	937521					
14-1/4	R	23	3	933523					
14-1/4	L	23	3	937523					
14-1/4	R	25	3	933525					
					14-3/4	R	22	3	* 953522
					14-3/4	R	24	3	* 953524
					14-3/4	R	26	3	* 953526
					4-BLADE BALLISTIC XL				
					14-1/8	R	23	4	* 963523
					14-1/8	R	25	4	* 963525
					14-1/8	R	27	4	* 963527

Drop-In Hub
Use XHS II® Hub Kit
203
Refer to Pages 55-56 for Details on Hub Kit Components.



* May interfere with trim tab.