

STERNDRIVE APPLICATIONS



MERCURISER™

MERCURISER™ • ALPHA ONE™ • 110-190 HP (SEE FOOTNOTES ■ & ▼)

Models 1A, 1B, 1C, 120, 140, 145 DTS & 165 120-190 HP Mercruiser™1983-85 3.0 L (125-140 HP) Alpha One™1986 & Newer
 Models 228, 470, 485, 888, 898 2.5 L (120 HP) Alpha One™1986-89 3.7 L (165-190 HP) Alpha One™1986-89

Boat Length - (MPH)	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
Non-Plane Heavy CR	16 R 11	3	48-78112A40	031021										
Non-Plane Heavy CR	16 R 12	3	48-16436A40	031063										
Non-Plane Heavy CR	16 R 13	3	48-78114A40	031022										
21-26' - (17-28)	16 R 14	3	48-16438A40	031050										
21-26' - (18-31)	15-1/4 R 15	3	48-78116A40	031023										
21-26' - (18-31)	14-1/2 R 15	3			48-16312A4	033002	14-1/4 x 15	3	▶033072 ▶033073		14-7/8 x 15	3	345131	
19-23' - (26-34)	16 R 16	3	48-16440A40	031051										
19-23' - (27-37)	14-1/2 R 17	3	48-78118A40	031024	48-16314A4	033003	14-1/4 x 17	3	▶033074 ▶033075		14-3/4 X 17	3	345132	345162
19-23' - (27-37)	15 R 17	3	48-832828A45	●031064										
17-21' - (32-39)	15-1/2 R 18	3	48-11324A45	031052										
17-21' - (33-42)	14 R 19	3	48-78120A40	031025	48-16316A4	033004	14-1/4 x 19	3	▶033076 ▶033077		14-1/2 x 19	3	345133	345163
17-21' - (33-42)	14-1/2 R 19	3	48-832830A45	●031065										
Up to 19' - (37-46)	13-3/4 R 21	3	48-78122A40	031026	48-16318A4	033005	14-1/4 x 21	3	▶033078 ▶033079		14-3/8 x 21	3	345134	345164
Up to 19' - (37-46)	14-1/4 R 21	3	48-832832A45	●031066										
Up to 18' - (40-50)	13-1/2 R 23	3	48-78124A40	031027	48-16320A4	033006	14-1/4 x 23	3	▶033080 ▶033081		14-1/4 x 23	3	345135	345165
Up to 18' - (40-50)	14 R 23	3	48-832834A45	●031068										
Up to 18' - (43-55)	13-3/8 R 25	3	48-78126A40	031067			14-1/4 x 25	3	▶033082 ▶033083		14-1/4 x 25	3	345136	
16-19' High Perf.	Lifting Hulls								Ballistic 3 XL		14-1/2 x 22	3	345141	
15-18' High Perf.	Lifting Hulls								Ballistic 3 XL		14-1/2 x 24	3	345137	
Up to 17' High Perf.	Lifting Hulls								Ballistic 3 XL		14-1/2 x 26	3	345138	

MERCURISER™ • ALPHA ONE™ • BRAVO ONE™ • 200-320 HP (SEE FOOTNOTES ■ & ▼)

Models 228, 898, 225S, 233, 255TRS, 260 5.0 L (180-240 HP) Alpha One™1986 & Newer 6.2 MPI (320 HP) Alpha One™2001
 Models 280TRS, 330TRS 5.7 L (210-260 HP) Alpha One™1986 & Newer 5.0 L (220-240 HP) Bravo One™1998 & Newer
 200-260 HP Mercruiser™1983-85 262 Magnum (205 HP) Alpha One™1997 & Newer 5.7 L (210-280 HP) Bravo One™1995 & Newer
 4.3 L (155-210 HP) Alpha One™1986 & Newer 350 Magnum (240-300 HP)1987 & Newer 350 Magnum (300 HP) Bravo One™1996 & Newer

Boat Length - (MPH)	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
Non-Plane Heavy CR	16 R 11	3	48-78112A40	031021										
Non-Plane Heavy CR	16 R 12	3	48-16436A40	031063										
HB - (18-26)	16 R 13	3	48-78114A40	031022										
23-27' - (18-31)	16 R 14	3	48-16438A40	031050										
23-28' - (19-38)	15-1/4 R 15	3	48-78116A40	031023										
23-28' - (19-38)	14-1/2 R 15	3			48-16312A4	033002	14-1/4 x 15	3	▶033072 ▶033073		14-7/8 x 15	3	345131	
22-26' - (26-35)	16 R 16	3	48-16440A40	031051										
21-26' - (29-45)	14-1/2 R 17	3	48-78118A40	031024	48-16314A4	033003	14-1/4 x 17	3	▶033074 ▶033075		14-3/4 x 17	3	345132	345162
21-26' - (29-45)	15 R 17	3	48-832828A45	●031064										
21-25' - (34-42)	15-1/2 R 18	3	48-11324A45	031052										
19-25' - (35-49)	14 R 19	3	48-78120A40	031025	48-16316A4	033004	14-1/4 x 19	3	▶033076 ▶033077		14-1/2 x 19	3	345133	345163
19-25' - (35-49)	14-1/2 R 19	3	48-832830A45	●031065										
17-23' - (41-56)	13-3/4 R 21	3	48-78122A40	031026	48-16318A4	033005	14-1/4 x 21	3	▶033078 ▶033079		14-3/8 x 21	3	345134	345164
17-23' - (41-56)	14-1/4 R 21	3	48-832832A45	●031066										
Up to 20' - (47-62)	13-1/2 R 23	3	48-78124A40	031027	48-16320A4	033006	14-1/4 x 23	3	▶033080 ▶033081		14-1/4 x 23	3	345135	345165
Up to 20' - (47-62)	14 R 23	3	48-832834A45	●031068										
Up to 18' - (47-65)	13-3/8 R 25	3	48-78126A40	031067			14-1/4 x 25	3	▶033082 ▶033083		14-1/2 X 22	3	345141	
High Performance	Lifting Hull								Ballistic 3 XL		14-1/2 X 24	3	345137	
High Performance	Lifting Hull								Ballistic 3 XL		14-1/2 X 26	3	345138	
High Performance	Lifting Hull								Ballistic 3 XL					

Key to abbreviations: LL: Light Loads; SB: Sailboat; AL: All Loads; SK: Skiboat; WB: Workboat; HB: Houseboat; CR: Cruisers; HL: Heavy Loads; WD: Weedless

- When replacing Flo-Torq II™ plastic hub props, aft castle thrust washer 12-31211A2 and conductivity (star) washer 13-42351-1 are required in addition to the other hardware supplied with original propeller. For complete details, see page 34. All suggestions are based upon single engine boats. Add 4" of pitch for twin applications.
- ▼ Caution: Use standard trim tab 34127A1 (except for Rapture™ use 822777A1) and forward thrust washer 13191A1.
- Larger blade area design used primarily on 1997 and newer applications.
- ⊗ When using Rapture™ and Ballistic™ propellers, to avoid damage or injury, replace standard trim tab with trim tab 822777A1 and use forward thrust washer 12-835467.

▶ LIMITED INVENTORY ITEMS.



STERNDRIVE APPLICATIONS

MERCUISER™

ALPHA ONE™ 1987 & NEWER • 365 HP & LOWER (RUBBER HUB) (SEE FOOTNOTES ■ & ▼)

5.0 L (250 HP)1988 & Newer	454 Magnum (330 HP)1987	D 3.6 L (Diesel)1990 & Newer
5.7 L (250-260 HP)1995 & Newer	D 2.8 L (Diesel)1997 & Newer	D 3.0 L (Diesel)1990-96
320 EFI (320 HP)1987-89	D 4.2 L (Diesel)1990 & Newer	D 7.3 L (Diesel)1998 & Newer
350 Magnum (240-280 HP)1987 & Newer		

Boat Length/Description	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
23-28' - AL							14-1/4 x 15	3	▶●033072		14-7/8 x 15	3	●345131	
23-28' - AL							14-1/4 x 15	3		▶●033073				
21-26' - AL, SK							14-1/4 x 17	3	▶●033074		14-3/4 x 17	3	●345132	
21-26' - AL, SK							14-1/4 x 17	3		▶●033075	14-3/4 x 17	3		●345162
22-25' - AL, SK	15-1/4 R 19	3			48-13700A41	▶●033030	14-1/4 x 19	3	▶●033076		14-1/2 x 19	3	●345133	
22-25' - AL, SK	15-1/4 L 19	3			48-13701A41	▶●033029	14-1/4 x 19	3		▶●033077	14-1/2 x 19	3		●345163
21-23' - AL, SK	14-3/4 R 21	3			48-13702A41	▶●033032	14-1/4 x 21	3	▶●033078		14-3/8 x 21	3	●345134	
21-23' - AL, SK	14-3/4 L 21	3			48-13703A41	▶●033031	14-1/4 x 21	3		▶●033079	14-3/8 x 21	3		●345164
Up to 22' - AL, SK	14-5/8 R 23	3			48-13704A41	▶●033034	14-1/4 x 23	3	▶●033080		14-1/4 x 23	3	●345135	
Up to 22' - AL, SK	14-5/8 L 23	3			48-13705A41	▶●033033	14-1/4 x 23	3		▶●033081	14-1/4 x 23	3		●345165
Up to 20' - AL, SK	14-1/2 R 25	3			48-13706A41	▶●033036	14-1/4 x 25	3	▶●033082		14-1/4 x 25	3	●345136	
Up to 20' - AL, SK	14-1/2 L 25	3			48-13707A41	▶●033035	14-1/4 x 25	3		▶●033083				

BRAVO ONE™ • 1988 & NEWER • 365 HP & LOWER (RUBBER HUB) (SEE FOOTNOTES ■ & ▼)

5.7 L (250-280 HP)1995 & Newer	350 Magnum (300 HP)1996 & Newer	7.4 L (300-330 HP)1988 & Newer
320 EFI (320 HP)1988-89	454 Magnum (350-365 HP)1988 & Newer	

Boat Length/Description	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
23-28' - AL							14-1/4 x 15	3	▶●033072		14-7/8 x 15	3	345131	
23-28' - AL							14-1/4 x 15	3		▶●033073				
21-26' - AL, SK							14-1/4 x 17	3	▶●033074		14-3/4 x 17	3	345132	
21-26' - AL, SK							14-1/4 x 17	3		▶●033075	14-3/4 x 17	3		345162
25-30' - AL, SK	15-1/4 R 19	3			48-13700A41	▶●033030	14-1/4 x 19	3	▶●033076		14-1/2 x 19	3	345133	
25-30' - AL, SK	15-1/4 L 19				48-13701A41	▶●033029	14-1/4 x 19	3		▶●033077	14-1/2 x 19	3		345163
23-27' - AL, SK	14-3/4 R 21	3			48-13702A41	▶●033032	14-1/4 x 21	3	▶●033078		14-3/8 x 21	3	345134	
23-27' - AL, SK	14-3/4 L 21	3			48-13703A41	▶●033031	14-1/4 x 21	3		▶●033079	14-3/8 x 21	3		345164
22-25' - AL, SK	14-5/8 R 23	3			48-13704A41	▶●033034	14-1/4 x 23	3	▶●033080		14-1/4 x 23	3	345135	
22-25' - AL, SK	14-5/8 L 23	3			48-13705A41	▶●033033	14-1/4 x 23	3		▶●033081	14-1/4 x 23	3		345165
21-24' - AL, SK	14-1/2 R 25	3			48-13706A41	▶●033036	14-1/4 x 25	3	▶●033082		14-1/4 x 25	3	345136	
21-24' - AL, SK	14-1/2 L 25	3			48-13707A41	▶●033035	14-1/4 x 25	3		▶●033083				

BRAVO ONE™ • OVER 365 HP (SOLID HUB) (SEE FOOTNOTES ■ & ▼)

454 Magnum (385 HP)1995 & Newer	450 HP1995	500 HP1993 & Newer
502 Magnum (390-415 HP)1990 & Newer	465 HP1991-94	525 HP (SC) (490-500)1992 & Newer

Boat Length/Description	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
26-32'	15-1/4 R 19	3			48-13242A50	▶●033052								
24-30'	14-3/4 R 21	3			48-13244A50	▶●033054								
24-30'	14-3/4 L 21	3			48-13243A50	▶●033053								
23-28'	14-5/8 R 23	3			48-13246A50	▶●033056								
23-28'	14-5/8 L 23	3			48-13245A50	▶●033055								
21-26'	14-1/2 R 25	3			48-13248A50	▶●033058								
21-26'	14-1/2 L 25	3			48-13247A50	▶●033057								

Key to abbreviations: LL: Light Loads; SB: Sailboat; AL: All Loads; SK: Skiboat; WB: Workboat; HB: Houseboat; CR: Cruisers; HL: Heavy Loads; WD: Weedless

■ When replacing Flo-Torq II™ plastic hub props, aft castle thrust washer 12-31211A2 and conductivity (star) washer 13-42351-1 are required in addition to the other hardware supplied with original propeller. For complete details, see page 34. All suggestions are based upon single engine boats. Add 4" of pitch for twin applications.

▶ LIMITED INVENTORY ITEMS.

▼ Wave Propellers used on Alpha One™ drives require use of anodic plate 76214A5 or high performance trim tab 822777A1 in place of standard trim tab.

● Solid Hub Wave Propellers include forward thrust washer 9500-120 and should be used in place of the existing one.

⌘ When using Rapture™ and Ballistic™ propellers, to avoid damage or injury, replace standard trim tab with trim tab 822777A1 and use forward thrust washer 12-835467.

Standard Hub Motor Application



STERNDRIVE APPLICATIONS

MERCruiser™

MERCruiser - MODEL O

HP Range: 60 HP
For twin installation increase pitch 2".

Boat Length/Description	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
HB, Barges	10-1/4 R 10	3	48-33774A1	032084										
22-35'	10-1/4 R 11	3	48-38098A1	032085										
28-21'	10-1/4 R 12	3	48-38094A1	032086										
Up to 17'	10-1/4 R 13	3	48-38090A1	032087										

MERCruiser I ('62 - '63) • MERCruiser 80, 90

HP Range: 80-140 HP
For twin installation increase pitch 2".

Boat Length/Description	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
HB, Barges	13 R 11	3	48-35936A3	032089										
22-25'	13 R 13	3	48-58826A3	032090										
20-23'	13 R 15	3	48-32390A3	032091										
19-22'	13 R 17	3	48-65022A1	032092										
18-21'	13 R 19	3	48-65024A1	032093										
Up to 17'	13 R 21	3	48-67280A1	032094										

MERCruiser THRU 1982 • 110-330 HORSEPOWER

(SEE FOOTNOTES ■)

Models 1A, 1B, 1C, 120, 140, 145 DTS & 165
Models 228, 470, 485,888, 898,225S, 233, 255TRS, 260, 280TRS, & 330TRS

Boat Length/Description	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
24' & Up	16 R 13	3	48-36020A4	◆ 031034										
22-26' - AL	16 R 15	3	48-79570A4	◆ 031035			14-1/4 x 15	3	◆ 033072	◆ 033073	14-7/8 x 15	3	▼ 345131	
21-25' - AL	15-3/4 R 17	3	48-79572A4	◆ 031036	▶ 033007		14-1/4 x 17	3	◆ 033074	◆ 033075	14-3/4 x 17	3	▼ 345132	▼ 345162
20-24' - AL	15-1/2 R 19	3	48-79574A4	◆ 031037	▶ 033008		14-1/4 x 19	3	◆ 033076	◆ 033077	14-1/2 x 19	3	▼ 345133	▼ 345163
19-23' - AL	15-1/4 R 21	3	48-79576A4	◆ 031038	▶ 033009		14-1/4 x 21	3	◆ 033078	◆ 033079	14-3/8 x 21	3	▼ 345134	▼ 345164
18-22' - AL	15 R 23	3	48-79578A4	◆ 031039			14-1/4 x 23	3	◆ 033080	◆ 033081	14-1/4 x 23	3	▼ 345135	▼ 345165
Up to 17' - AL							14-1/4 x 25	3	◆ 033082	◆ 033083	14-1/4 x 25	3	▼ 345136	

MERCruiser (THRU 1990 ONLY)

MerCruiser II-TR, 215E & 215H, TR, Bravo Two
For twin installation increase pitch 2".

Boat Length/Description	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
25-34'	20 R 17	3	48-77896A10	032113										
25-34'	20 L 17	3	48-77897A10	032114										
25-30'	19-3/4 R 19	3	48-77898A10	032115										
25-30'	19-3/4 L 19	3	48-77899A10	032116										
22-28'	19-1/2 R 21	3	48-77900A10	032117										
22-28'	19-1/2 L 21	3	48-77901A10	032118										

Key to abbreviations: LL: Light Loads; SB: Sailboat; AL: All Loads; SK: Skiboat; WB: Workboat; HB: Houseboat; CR: Cruisers; HL: Heavy Loads; WD: Weedless

- When replacing Flo-Torq II™ plastic hub props, aft castle thrust washer 12-31211A2 and conductivity (star) washer 13-42351-1 are required in addition to the other hardware supplied with original propeller. For complete details, see page 34. All suggestions are based upon single engine boats. Add 4" of pitch for twin applications.
- ◆ Caution: Use standard trim tab 34127A1 (except for Rapture™ use 822777A1) and forward thrust washer 13191A1. **LIMITED INVENTORY ON THESE ITEMS.**
- ⚙️ When using Rapture™ and Ballistic™ propellers, to avoid damage or injury, replace standard trim tab with trim tab 822777A1 and use forward thrust washer 12-835467.
- ▼ Caution: Use standard trim tab 34127A1 (except for Rapture™ use 822777A1) and forward thrust washer 13191A1.