

MERCURY PROPELLER APPLICATION

MERCURY OUTBOARD APPLICATION CHARTS



Mercury/Mariner Thruster Electric Fishing Motors

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model	Application
10 1/2	6	Plastic	2	N/A	48- 18024A 5	Black Machete	Gear Drive
11	5	Plastic	2	N/A	48-813730A 3	Clear Machete	R33, RX33, T33, R45, RL45, RX45, T45
9 1/4	3	Plastic	2	N/A	48- 18022A 5	Black Machete	Direct Drive
9 1/4	3	Plastic	2	N/A	48- 18428A 5	Clear Machete	Direct Drive
10	3 1/2	Plastic	2	N/A	48-MAF12406T	Clear Machete	MotorGuide

Mercury/Mariner 2.5 - 3.5 Hp Outboard

2.5 and 3.3 Hp 2-Stroke
 2.5 and 3.5 HP 4-Stroke 2007 and Newer
 Pin Drive
 Shear Pin for Plastic 17-815111
 Shear Pin for Aluminum 17-815111-1
 Cotter Pin 18-95295



Diameter	Pitch	Material	Blades	RH Rotation	Model
7 3/8	6	Plastic	3	48-815083A01(1)	Black Max
7 3/8	7	Plastic	3	48-815083A02	Black Max
7 3/8	6	Alum	3	48-815084A01(2)(3)	Black max
7 3/8	7	Alum	3	48-815084A02(2)	Black Max

(1) Standard with 2.5 HP (2 and 4-Stroke), 3.5 HP 4-Stroke and 3.3 HP 2-Stroke (Non-Shift)

(2) With Rubber Hub

(3) Standard with 3.3 HP 2-Stroke (shiftable)

Mercury/Mariner 4 - 6 Hp Outboard

4-6 Hp (4-Stroke) 1999 & Newer
 4 & 5 Hp (2-Stroke) 1987 & Newer
 12 Tooth Spline
 Thrust Washer 16145 1
 Aft Prop Washer 12-16146
 Prop Nut 11-16147
 Cotter Pin 18-815026



Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
8 3/8	9	Alum	3	N/A	48-812950A03	Black Max
7.8	8	Alum	3	N/A	48-812950A02(2)	Black Max
7.8	7	Alum	3	N/A	48-812949A02(1)	Black Max
8 3/8	6	Alum	3	N/A	48- 16144A01	Black Max
8 3/8	6	Alum	3	N/A	48-812951A02	Black Max High Thrust

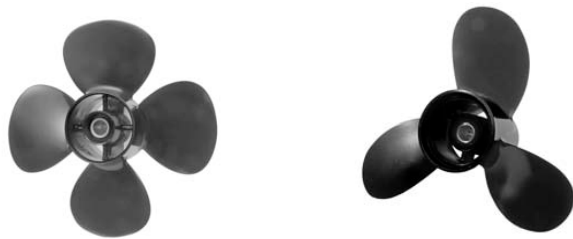
(1) Standard with 4 HP & 4 HP Four Stroke

(2) Standard with 5 HP Four Stroke and 6 HP Four Stroke

MERCURY PROPELLER APPLICATION

Mercury/Mariner 8/9.9 Hp (4-Stroke) Outboard

8/9.9 (4-Stroke) Model Year 2005 and newer
 12 Tooth Spline
 Standard Gearcase Only
 Forward Thrust Washer (Std. gearcase) 803743002
 Aft Washer (Std. gearcase) 12-16146
 Prop Nut 11-16147
 Flo-Torq I Round Rubber Hub 897453T
 Cotter Pin 18-815026



Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
8.7	5	Alum	4	N/A	48-812954A10	Kicker
8.9	6.5	Alum	3	N/A	48-897610A10	Std. Gearcase Black Max
8.9	7.5	Alum	3	N/A	48-897614A10(1)	Std. Gearcase Black Max
8.9	8.5	Alum	3	N/A	48-897618A10(2)	Std. Gearcase Black Max
8.9	9.5	Alum	3	N/A	48-897620A10	Std. Gearcase Black Max

(1) Standard with 8 Hp.

(2) Standard with 9.9 Hp.

Mercury/Mariner 6 - 15 Hp Outboard

6 - 8 - 9.9 & 15 HP (2-Stroke)
 9.9 (4-Stroke) 1995-2004
 15 (4-Stroke) thru 2007
 SeaPro/Marathon 10-15 HP
 8 Tooth Spline
 Flo-Torq I Round Rubber Hub = 827598T
 Prop Nut Kit 11-13914A 2



Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
9	10 1/2	Alum	3	N/A	48-828158A12	Black Max
9	9	Alum	3	N/A	48-828156A12(1)	Black Max
9	8	Alum	3	N/A	48-828154A12	Black Max
9 1/4	7	Alum	3	N/A	48-828152A12	Black Max
9 3/4	6 1/2	Alum	3	N/A	48-828150A12	Black Max
9 3/4	5 1/2	Alum	3	N/A	48-828148A12	Black Max
9 3/4	6	Alum	4	N/A	48-850204A12	Black Max

(1) Standard with 6 - 8 - 9.9 - 15 HP 2-Stroke and SeaPro/Marathon 10 - 15HP

Mercury/Mariner 9.9 - 25 Hp Outboard

9.9 & 15 (4-Stroke) Bigfoot 1999-2004
 20 & 25 Hp (2-Stroke) Classic 1980-2006
 SeaPro/Marathon 25 HP
 10 Tooth Spline
 Prop Nut 11-88228
 Forward Thrust Washer 858498
 Prop Nut 11-40119-12
 Flo-Torq I Round Rubber Hub = 19669T
 Forward Thrust Washer 858498



Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
10 1/4	14 1/2	Alum	3	N/A	48-19642A40	Black Max
10 3/8	13	Alum	3	N/A	48-19640A40(1)	Black Max
10 3/8	12	Alum	3	N/A	48-19639A40	Black Max
10 3/8	11	Alum	3	N/A	48-19638A40(3)	Black Max
10 3/8	9 1/2	Alum	3	N/A	48-19636A10(2)	Black Max
10 3/8	13	SS	3	N/A	48-19644A 5	Vengeance

(1) Standard with 20-25 HP

(2) Standard with 9.9 & 15 HP Bigfoot Four Stroke

(3) Standard with SeaPro/Marathon 25 HP

MERCURY PROPELLER APPLICATION

Mercury/Mariner 9.9 - 20 HP (4-Stroke) Outboards

9.9 HP Bigfoot Model Year 2005 and newer
 9.9HP Pro Kicker
 15/20 HP 2008 and newer
 14 Tooth Spline
 Forward Thrust Washer 803743
 Aft Washer 12-16140 2
 Prop Nut 11-16147 1
 Flo-Torq I Rubber Hub 8M0054769
 Cotter Pin 18-815026 4



Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
10	5	Alum	4	N/A	48-812952A10	Black Max
10	7	Alum	4	N/A	48-812950A10	Black Max(1)
10	7	Alum	4	N/A	48-812948A10	Black Max(2)
9.5	8	Alum	3	N/A	48-897748A11	Black Max
9.25	9	Alum	3	N/A	48-897750A11	Black Max(3)
9.25	10	Alum	3	N/A	48-897752A11	Black Max(4)
9.25	11.5	Alum	3	N/A	48-897754A11	Black Max

- (1) Standard with 9.9 Bigfoot
- (2) Standard with 9.9 Pro Kicker. Painted Silver.
- (3) Standard with 15 HP 4-Stroke
- (4) Standard with 20 HP 4-Stroke

Mercury/Mariner 25/30 Hp (4-Stroke) Outboard

25/30 HP (4-Stroke) Model Year 2006 and newer
 10 Tooth Spline
 Standard Gearcase Only
 Forward Thrust Washer 161452
 Cotter Pin 18-815026
 Aft Washer 12-16140
 Flo-Torq I Rubber Hub 897001T
 Prop Nut 11-161471



Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
10	8	Alum	3	N/A	48-896890A10	Black Max
9.75	9 1/2	Alum	3	N/A	48-896892A40	Black Max
9.5	11	Alum	3	N/A	48-896896A40	Black Max
9.25	12 1/2	Alum	3	N/A	48-896900A40	Black Max
9.3	9.5	Alum	4	N/A	48-8M8026650	Spitfire
9.3	11	Alum	4	N/A	48-8M8026655	Spitfire
9.8	9.5	SS	3	N/A	48-899818A05	Vengeance
9.5	11	SS	3	N/A	48-899820A05	Vengeance

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Mercury/Mariner 25 -60 Hp Outboard

25 HP Bigfoot (4-Stroke)
 30 HP 2-Stroke
 30 HP BigFoot 2010 and Newer
 30-40 HP SeaPro/Marathon
 30 (4-Stroke) 1994-2005
 40-60 Hp 2-Stroke and 4-Stroke (Not Bigfoot) 1977 and Newer
 Sea Pro/Marathon 55 Hp
 13 Tooth Spline

Flo-Torq Reflex Hub Kit Included with propeller

Hub Kit Part Number: 825257Q12

Reflex Sleeve Part Number: 8M0047148

For older rubber hub propellers - use Mercury hardware kit 11-31990Q02. Purchase separately.

Propeller hardware is not compatible between rubber hub propellers and Flo-Torq Reflex propellers.



Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
10	19	Alum	3	N/A	48- 73146A45	Black Max
10	17	Alum	3	N/A	48- 73144A45	Black Max
10	16	Alum	3	N/A	48- 73142A45	Black Max
10 1/8	15	Alum	3	N/A	48- 73140A45	Black Max
10 1/4	14	Alum	3	N/A	48- 73138A45	Black Max
10 3/8	14	Alum	3	N/A	48-816706A45(1)	Black Max
10 1/2	13	Alum	3	N/A	48-816704A45(1)	Black Max
10 3/8	13	Alum	3	N/A	48- 73136A45	Black Max
10 5/8	12	Alum	3	N/A	48- 73134A45	Black Max
10 3/4	12	Alum	3	N/A	48-816702A45(1)	Black Max
10 7/8	11	Alum	3	N/A	48- 85632A45	Black Max
12	10 1/2	Alum	3	N/A	48- 42740A45(1)	Black Max
11 5/8	10 1/2	Alum	3	N/A	48-827312A45	Black Max
11 1/4	10	Alum	3	N/A	48- 73132A45	Black Max
12 1/4	9	Alum	3	N/A	48- 87818A45	Black Max
12 1/2	8	Alum	3	N/A	48- 42738A45(1)	Black Max
12 1/2	8	Alum	3	N/A	48- 42738CP1(1)(3)	Black Max XC
10.1	15	Alum	4	N/A	48-8M8026640	Spitfire
10.1	14	Alum	4	N/A	48-8M8026635	Spitfire
10.3	13	Alum	4	N/A	48-8M8026630	Spitfire
10.6	12	Alum	4	N/A	48-8M8026625	Spitfire
10 1/4	15	SS	3	N/A	48-855862A46	Vengeance
10 3/8	14	SS	3	N/A	48-855860A46	Vengeance
10 1/2	13	SS	3	N/A	48-855858A46	Vengeance
11	12	SS	3	N/A	48-855856A46	Vengeance
11 5/8	11	SS	3	N/A	48-823478A46	Vengeance
12 1/4	9	SS	3	N/A	48- 97868A46	Vengeance
10 5/8	15	SS	4	N/A	48-878618A46	Trophy Sport
10 5/8	14	SS	4	N/A	48-878616A46	Trophy Sport
10 5/8	13	SS	4	N/A	48-878614A46	Trophy Sport
10 5/8	12	SS	4	N/A	48-878612A46	Trophy Sport

(1) Large Blade Area

(3) Extra Cup for superior performance and holding on pontoon boats



MERCURY PROPELLER APPLICATION

Mercury/Mariner 40 Bigfoot - 125 HP

40-60HP Bigfoot All Years
75-125HP 1978 and newer
15 Tooth Spline

Note: Flo-Torq III Hub Kit 835257K 9 is recommended for 40-60HP Bigfoot and 75-115HP Optimax to reduce clutch rattle.



Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
12 1/2	23	Alum	3	N/A	48- 77350A45	Black Max
12 3/4	21	Alum	3	N/A	48- 77348A45	Black Max
13	19	Alum	3	N/A	48- 77346A45	Black Max
13 1/4	17	Alum	3	N/A	48- 77344A45	Black Max
13 1/4	16	Alum	3	N/A	48-854360A45	Black Max
13 3/4	15	Alum	3	N/A	48- 77342A45	Black Max
13 7/8	14	Alum	3	N/A	48-854352A45	Black Max
14	13	Alum	3	N/A	48- 77340A45	Black Max
14	13	Alum	3	N/A	48- 77340CP1	Black Max XC(2)
14	11	Alum	3	N/A	48- 77338A45	Black Max
14	11	Alum	3	N/A	48- 77338CP1	Black Max XC(2)
14	10	Alum	3	N/A	48-854342A45	Black Max
14	10	Alum	3	N/A	48-854342CP1	Black Max XC(2)
14	9	Alum	3	N/A	48-854340A45	Black Max
13 3/4	15	Alum	3	N/A	48- 77342A33	Black Max(3)
14	13	Alum	3	N/A	48- 77340A33	Black Max(3)
14	11	Alum	3	N/A	48- 77338A33	Black Max(3)
14	10	Alum	3	N/A	48-854342A33	Black Max(3)
14	9	Alum	3	N/A	48-854340A33	Black Max(3)
12.8	19	Alum	4	N/A	48-8M8026600	Spitfire
12.8	17	Alum	4	N/A	48-8M8026590	Spitfire
12.8	15	Alum	4	N/A	48-8M8026580	Spitfire
13.8	13	Alum	4	N/A	48-8M8026570	Spitfire Pontoon(2)
13.8	11	Alum	4	N/A	49-8M8026560	Spitfire Pontoon(2)
13.8	10	Alum	4	N/A	48-8M8026555	Spitfire Pontoon(2)
13	18	SS	3	N/A	48- 16988A46	Vengeance
13 1/8	16	SS	3	N/A	48- 16986A46	Vengeance
13 1/4	15	SS	3	N/A	48-854354A46	Vengeance
13 3/8	14	SS	3	N/A	48- 17314A46	Vengeance
14	12	SS	3	N/A	48- 17312A46	Vengeance
14	10	SS	3	N/A	48- 17310A46	Vengeance
13 1/2	26	SS	3	N/A	48- 16996A46	Laser II(1)
13 1/2	24	SS	3	N/A	48- 16994A46	Laser II(1)
13 1/2	22	SS	3	N/A	48- 16992A46	Laser II(1)
13 1/4	19	SS	3	N/A	48-899004A46	Laser II(1)
13 1/4	20	SS	3	N/A	48- 16990A46	Laser II(1)
13 1/4	21	SS	3	N/A	48-899006A46	Laser II(1)
13 3/4	28	SS	4	N/A	48-825948A47	Trophy Plus(1)
13 3/4	27	SS	4	N/A	48-8M8026830	Trophy Plus(1)
13 3/4	26	SS	4	N/A	48-825944A47	Trophy Plus(1)
13 3/4	25	SS	4	N/A	48-825942A47	Trophy Plus(1)
13 3/4	24	SS	4	N/A	48-825940A48	Trophy Plus(1)
13 3/4	23	SS	4	N/A	48-825938A47	Trophy Plus(1)
13 3/4	21	SS	4	N/A	48-825934A47	Trophy Plus(1)
13 3/4	19	SS	4	N/A	48-825932A46	Trophy Plus(1)



MERCURY
SPITFIRE



VENGEANCE



MERCURY MARINE
Laser II



MERCURY MARINE
TROPHY PLUS

MERCURY PROPELLER APPLICATION

Mercury/Mariner EFI, Optimax and Verado Outboards 135-350 HP

135-350HP 1978 and Newer

15 Tooth Spline

Note: Use Flo-Torq IV hub kit (835257K10) to reduce clutch rattle on 135-200 HP 4 cylinder Verado and 150 FourStroke when using 18P or lower stainless steel propellers. 350 Verado requires hub kit 840389K06.



Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
14	23	Alum	3	N/A	48-832834A45	Black Max
14 1/4	21	Alum	3	N/A	48-832832A45	Black Max
14 1/2	19	Alum	3	N/A	48-832830A45	Black Max
15 1/2	18	Alum	3	N/A	48- 11324A45	Black Max
15	17	Alum	3	N/A	48-832828A45	Black Max
16	16	Alum	3	N/A	48- 16440A45	Black Max
16	16	Alum	3	N/A	48- 16440CP1	Black Max XC(4)
15 1/2	15	Alum	3	N/A	48- 78116A45	Black Max
15 1/2	15	Alum	3	N/A	48- 78116CP1	Black Max XC(4)
16	14	Alum	3	N/A	48- 16438A45	Black Max
16	14	Alum	3	N/A	48- 16438CP1	Black Max XC(4)
16	13	Alum	3	N/A	48- 78114A45	Black Max
16	13	Alum	3	N/A	48- 78114CP1	Black Max XC(4)
16	12	Alum	3	N/A	48- 16436A45	Black Max
16	12	Alum	3	N/A	48- 16436CP1	Black Max XC(4)
16	11	Alum	3	48- 78117A40	48- 78112A45	Black Max
16	11	Alum	3	N/A	78112CP1	Black Max XC(4)
14	20	Alum	4	48-834855A45	48-834854A45	Alpha 4
14 1/2	18	Alum	4	48-834853A45	48-834852A45	Alpha 4
15	16	Alum	4	48-834851A45	48-834850A45	Alpha 4
13 1/2	23	SS	3	48- 16321A46	48- 16320A46	Vengeance
13 3/4	21	SS	3	48- 16319A46	48- 16318A46	Vengeance
14	19	SS	3	48- 16317A46	48- 16316A46	Vengeance
14 1/2	17	SS	3	48- 16315A46	48- 16314A46	Vengeance
14 1/2	15	SS	3	N/A	48- 16312A46	Vengeance
13 3/4	25	SS	3	N/A	48- 16550A46	Laser II(2)
13 3/4	23	SS	3	48- 16547A46	48- 16548A46	Laser II(2)
13 7/8	21	SS	3	48- 16545A46	48- 16546A46	Laser II(2)
14	19	SS	3	N/A	48- 16544A46	Laser II(2)
13 1/2	22	SS	3	N/A	48-899202A46	Enertia(2)
13 5/8	21	SS	3	48-899003A46	48-899002A46	Enertia(2)
13 3/4	20	SS	3	N/A	48-899000A46	Enertia(2)
14	19	SS	3	48-898999A46	48-898998A46	Enertia(2)
14 1/4	18	SS	3	N/A	48-898996A46	Enertia(2)
14 1/2	17	SS	3	48-898995A46	48-898994A46	Enertia(2)
14 3/4	16	SS	3	N/A	48-898992A46	Enertia(2)
15	15	SS	3	48-898991A46	48-898990A46	Enertia(2)
15 1/4	14	SS	3	N/A	48-898988A46	Enertia(2)
14 3/8	27	SS	3	48- 18281A46	48- 18280A46	Mirage Plus(2)(3)
14 1/2	25	SS	3	48- 13707A46	48- 13706A46	Mirage Plus(2)(3)
14 5/8	23	SS	3	48- 13705A46	48- 13704A46	Mirage Plus(2)(3)



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Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
14 3/4	21	SS	3	48- 13703A46	48- 13702A46	Mirage Plus(2)(3)
15 1/4	19	SS	3	48- 13701A46	48- 13700A46	Mirage Plus(2)(3)
15 3/8	18	SS	3	48-889619A46	48-889620A46	Mirage Plus(2)(3)
15 1/2	17	SS	3	48- 90159A46	48- 18278A46	Mirage Plus(2)(3)
15 3/4	15	SS	3	48- 19841A46	48- 19838A46	Mirage Plus(2)(3)
16	13	SS	3	N/A	48-826072A46	Mirage Plus(2)(3)
14	24	SS	3	N/A	48-8M8023120	Fury(2)
14	25	SS	3	N/A	48-8M8023140	Fury(2)
14	26	SS	3	N/A	48-8M8023160	Fury(2)
14	27	SS	3	N/A	48-8M8023180	Fury(2)
14 5/8	29	SS	3	N/A	48-825870A47	Tempest Plus(2)(3)
14 5/8	27	SS	3	N/A	48-825868A47	Tempest Plus(2)(3)
14 5/8	26	SS	3	N/A	48-825874A47	Tempest Plus(2)(3)
14 5/8	25	SS	3	N/A	48-825866A47	Tempest Plus(2)(3)
14 5/8	24	SS	3	N/A	48-825872A47	Tempest Plus(2)(3)
14 5/8	23	SS	3	48-825865A47	48-825864A47	Tempest Plus(2)(3)
14 5/8	22	SS	3	N/A	48-8M8026820	Tempest Plus(2)(3)
14 5/8	21	SS	3	48-825863A47	48-825862A47	Tempest Plus(2)(3)
14 5/8	19	SS	3	48-825861A47	48-825860A47	Tempest Plus(2)(3)
14 5/8	17	SS	3	N/A	48-8M8026790	Tempest Plus(2)(3)
13 3/4	28	SS	4	N/A	48-825948A47	Trophy Plus (SM)(1)(2)
13 3/4	27	SS	4	N/A	48-8M8026830	Trophy Plus (SM)(1)(2)
13 3/4	26	SS	4	N/A	48-825944A47	Trophy Plus (SM)(1)(2)
13 3/4	25	SS	4	N/A	48-825942A47	Trophy Plus (SM)(1)(2)
13 3/4	24	SS	4	N/A	48-825940A48	Trophy Plus (SM)(1)(2)
13 3/4	23	SS	4	N/A	48-825938A47	Trophy Plus (SM)(1)(2)
13 3/4	21	SS	4	N/A	48-825934A47	Trophy Plus (SM)(1)(2)
13 3/4	19	SS	4	N/A	48-825932A46	Trophy Plus (SM)(1)(2)
13 3/4	17	SS	4	N/A	48-825930A46	Trophy Plus (SM)(1)(2)
13 1/4	25	SS	5	N/A	48-816374A46	HighFive(2)
13 1/4	23	SS	5	N/A	48-815762A46	HighFive(2)
13 1/4	21	SS	5	N/A	48-815760A46	HighFive(2)
13 1/4	19	SS	5	N/A	48-815758A46	HighFive(2)
13 1/2	17	SS	5	N/A	48-821154A46	HighFive(2)
14	23	SS	4	48-825907A48	48-825906A48	VenSura(2)
14	21	SS	4	48-825903A48	48-825902A48	VenSura(2)
14	19	SS	4	48-825901A48	48-825900A48	VenSura(2)
14 1/2	17	SS	4	48-825899A48	48-825898A48	VenSura(2)
14 5/8	25	SS	4	48-857033A46	48-857032A46	Revolution 4(2)
14 5/8	23	SS	4	48-857031A46	48-857030A46	Revolution 4(2)
14 5/8	21	SS	4	48-857029A46	48-857028A46	Revolution 4(2)
14 5/8	19	SS	4	48-857027A46	48-857026A46	Revolution 4(2)
14 5/8	17	SS	4	48-857025A46	48-857024A46	Revolution 4(2)
14 5/8	15	SS	4	N/A	48-857022A46	Revolution 4(2)
15 3/4	36	SS	4	48-832123A55	48-832124A55	Bravo I(3)
15 3/4	34	SS	4	48-832121A55	48-832122A55	Bravo I(3)
15 3/4	32	SS	4	48-831919A55	48-831920A55	Bravo I(3)
15 3/4	30	SS	4	48-831917A55	48-831918A55	Bravo I(3)
15 3/4	28	SS	4	48-831915A55	48-831916A55	Bravo I(3)
15 3/4	26	SS	4	48-831913A55	48-831914A55	Bravo I(3)