

PROPELLER

Catalog For Mercury Outboards



 **SOLAS[®] RUBEX[™]**

Controlling Every Aspect of Quality

SOLAS aluminum alloy propellers surpass regular stainless steel propellers in terms of thinness, corrosion resistance, and quality. SOLAS has become the world's leading brand of stainless steel and aluminum propellers. Numerous tests conducted by major media authorities have proven that SOLAS propellers stand up to collisions better than the competitors', and that long-term durability studies have shown that SOLAS propellers' resistance against rust and corrosion outperforms all the others in their class.



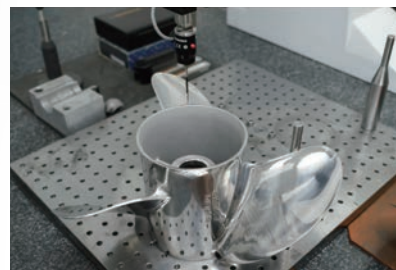
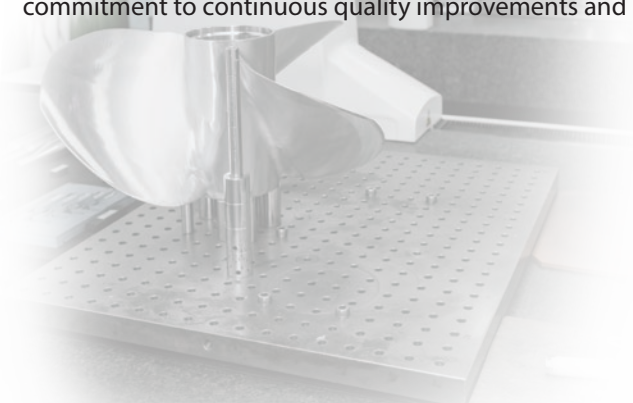
ISO 9001 / ISO 14001 CERTIFIED

We are honored to have BSI (British Standards Institution) ISO 9001 / ISO 14001 certificates and the Symbol of Excellent Products from Taiwan Government. Total satisfaction of our customers is always our first priority.



SOLAS also installed analysis equipment to assist the inspection and testing process, including composition tester, hardness tester, CMM systems, salt spray testing machine, rubber torque tester, and dynamic balance machine. We combine these standard quality inspection procedures with data analysis to improve product design and production processes, therefore increasing customer satisfaction.

In 1994, SOLAS was granted ISO-9002 certification from BSI, the UK certification authority. In May of 2003, SOLAS was awarded ISO-9001 certification (2000AD version). In 2021, Solas was further certified with ISO 14001, international standard of the environmental management system. These quality certifications serve as strong evidence of our commitment to continuous quality improvements and service.



This is a Lite version of the regular Solas Catalog

We have analyzed global propeller sales from the **past 7 years** and listed only the **Bestselling Series** for each horsepower group.

We believe that this market-driven data provides the best reference for engine/propeller matching **in General**.

First part of the catalog covers the application of **Stainless Steel** propellers (**blue** columns), while second part focuses on **Aluminum** propellers (**green** columns).

Rubex propeller part numbers are also listed aside for easy reference.

For specific or special applications, please consult your local dealer for suggestions.

We hope everyone finds the most suitable propeller for your needs and enjoys the performance that Solas propellers deliver.

Thank you!

Stainless Steel High Performance Propellers



LEXOR PROPELLER Stainless steel 3 blade Rubber Hub

- * Large diameter & blade area for big boats
- * Great high speed and midrange performance
- * Excellent fuel economy for offshore boats



LEXOR PROPELLER 4 Stainless steel 4 blade Rubber Hub

- * Excellent top speed & very smooth performance
- * High rake and cupped blade design
- * Great stern lift & acceleration



LEXOR PLUS Stainless steel 3 blade Rubber Hub

- * Large diameter & blade area for big boats
- * Larger Diameter than Lexor
- * Great high speed and mid range performance
- * Excellent fuel economy for offshore boats



SG for SUZUKI Stainless steel 3 blade front & 4 blade rear Rubber Hub

- * Maximize the efficiency of the engine
- * Great maneuverability
- * Excellent grip and acceleration
- * Outstanding stability



B3 for MERCURY BRAVO 3 Stainless steel 4 blade front & 3 blade rear Solid hub

- * Excellent acceleration and top speed
- * Cupped blade design increases bite & reduces slip
- * Great maneuverability and efficiency

Stainless Steel High Performance Propellers



HR TITAN 3 PROP Stainless steel 3 blade Rubber Hub

- * Performance prop for high speed planing hulls
- * High rake blade design provides excellent bow lift
- * Excellent acceleration and top speed
- * Cupped blade design increases bite & reduces slip



HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

- * Great stern lift & acceleration
- * High rake and cupped blade design
- * Powerful thrust & very smooth performance
- * Increased speed & economy in the mid-range



NEW SATURN PROP Stainless steel 3 blade Rubber Hub

- * All-around performance
- * Good acceleration
- * Large ear blade design



TITAN PROP Stainless steel 3 blade Rubber Hub

- * Performance prop for high speed planing hulls
- * High rake blade design provides excellent bow lift
- * Excellent acceleration and top speed
- * Cupped blade design increases bite & reduces slip



NEW SATURN 4 PROP Stainless steel 4 blade Rubber Hub

- * All-around performance
- * Great Acceleration and Midrange performance
- * Large ear blade design

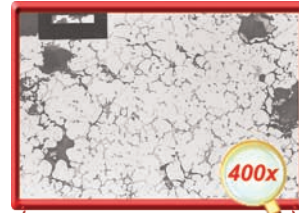


SATURN PROP Stainless steel 3 blade Rubber Hub

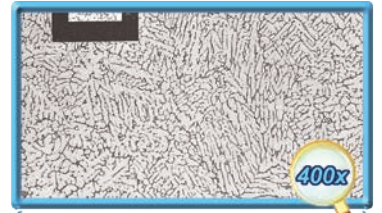
- * All-around general purpose performance
- * A more durable and cost effective replacement for aluminum

Unparalleled Durability

Solas aluminum propellers are manufactured with state-of-the-art squeeze casting process. With this exclusive technique, Solas aluminum propellers are almost non-porous and thus stronger and tougher than traditional die cast propellers.



Standard Die Cast



SOLAS Squeeze Cast



Cutting-face
Other brand's prop



Cutting-face
SOLAS Prop

About SOLAS Coating



1st Coat Baked Surface Paint

Cutting-face
Other brand's coating



1. Al. protected coating
2. primary coating
3. 1st Coat Baked Surface Paint
4. 2nd Coat Baked Surface Paint

Cutting-face
SOLAS Prop



Salt Water Spray Testing

SOLAS aluminum propellers have 4 layers of paint. Using superior coatings and a high-tech painting process ensures excellent anti-corrosion performance.

SOLAS aluminum propellers are exposed to over 500 hours of testing in a salt water spray tank. This testing simulates more than 6 months of normal salt water use.

Aluminum High Performance Propellers



AMITA 3 Aluminum 3 blade Rubber Hub

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Outstanding acceleration and top speed



AMITA 3-C Plus Aluminum 3 blade Rubber Hub

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Larger blades than the Amita 3 series for Superior thrust
- * Suitable for heavy boats



AMITA 4 Aluminum 4 blade Rubber Hub

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Great Acceleration and Midrange performance
- * Great stern lift & handling



High Thrust Propeller

Aluminum 4 blade / Rubber hub

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Excellent forward and reverse thrust
- * Ideal for kicker / auxiliary engines with heavy loads



Aluminum Bravo Two

for Mercruiser
4.3L ~ 7.4L / D 2.8 L ~ D 7.3 L
350Mag, 454Mag, 502 Mag

Aluminum 3 blade / Rubber hub

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Larger blades than the Amita 3 series for Superior thrust
- * Suitable for heavy boats

A 6 ~15 Horsepower / 2-1/2" Gearcase (8 Tooth Spline & Thru Hub Exhaust)

6, 8, 9.9 HP (2-Stroke) 86 ~

10 HP 95 ~

15 HP (2&4-Stroke) 89 ~ 06

8, 9.9 HP (4-Stroke Not Big Foot) ... 02 ~ 04

10, 15 HP (Sea Pro / Marathon) ... 95 ~ 01

(FORCE) 9.9 & 15 HP ... 96 ~ 98

Pressed-in Propellers

SATURN

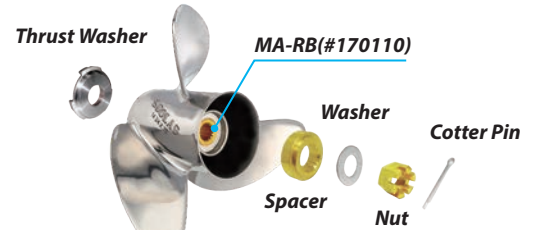
B	D	P	R	PART NO.
3	9 1/4	7	R	1121-093-07
3	9 1/4	8	R	1121-093-08
3	9 1/4	9	R	1121-093-09
3	9 1/4	10	R	1121-093-10
3	9 1/4	11	R	1121-093-11
3	9 1/4	12	R	1121-093-12

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
	MATW	MASP	N/A	MANT
A			N/A	

KITS part # : 17011501

*Original OEM hardware is required, or purchase the replacements



• Picture May not be exact to your application. Please consult your owner's manual.

A 9.9 ~ 20 Horsepower / 2-1/2" Gearcase (14 Tooth Spline) Japan Origin

9.9 HP Big Foot 2005 ~ Newer

15, 20 HP (4-Stroke) 2007 ~ Newer Tohatsu

Pressed-in Propellers

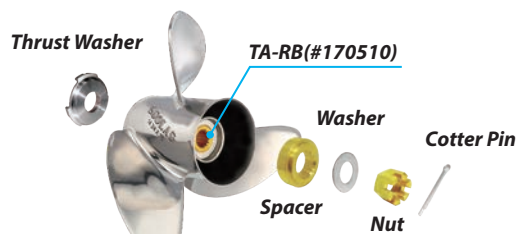
SATURN

B	D	P	R	PART NO.
3	9 1/4	7	R	5121-093-07
3	9 1/4	8	R	5121-093-08
3	9 1/4	9	R	5121-093-09
3	9 1/4	10	R	5121-093-10
3	9 1/4	11	R	5121-093-11
3	9 1/4	12	R	5121-093-12

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
				TANT	C pin(1 1/2")
A					

*Original OEM hardware is required, or purchase the replacements



• Picture May not be exact to your application. Please consult your owner's manual.

B 9.9 ~ 25 Horsepower / 3" Gearcase (10 Tooth Spline & Thru Hub Exhaust)

9.9 & 15 HP (4-Stroke Big Foot/Sail) ... 99 ~ 2005

18 HP (Mercury) 80 ~ 85

20 HP (2-Stroke Mercury) ... 86 ~ 02

20 HP (Mariner 2-Stroke) 85 ~

25 HP (Mariner 2-Stroke) 85 ~

25 HP (2-Stroke Mercury) 80 ~ 05

25 HP (Sea Pro/Marathon) All Years

(FORCE) 25 HP 3Cyl 95 ~ 98

Pressed-in Propellers

NEW SATURN

B	D	P	R	PART NO.
3	10 3/4	10	R	1231-108-10
3	10 1/2	11	R	1231-105-11
3	10 1/4	12	R	1231-103-12
3	10 1/8	13	R	1231-101-13
3	10	14	R	1231-100-14
3	10	15	R	1231-100-15

HR TITAN 4

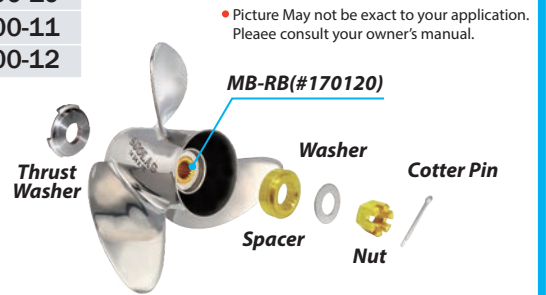
B	D	P	R	PART NO.
4	10	10	R	1253-100-10
4	10	11	R	1253-100-11
4	10	12	R	1253-100-12

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
	MBTW		MBWS	MBNT
B		Installed on Prop		

KITS part # : 17012501

*Original OEM hardware is required, or purchase the replacements



B 25 ~ 30 Horsepower Mariner (Japan Origin Yamaha) 3" Gearcase (10 Tooth Spline)

25 HP 80 ~ 84 28 HP 76 ~ 79 30 HP 79 ~ 90

Pressed-in Propellers

NEW SATURN

B	D	P	R	PART NO.
3	10 3/4	10	R	3231-108-10
3	10 1/2	11	R	3231-105-11
3	10 1/4	12	R	3231-103-12
3	10 1/8	13	R	3231-101-13
3	10	14	R	3231-100-14
3	10	15	R	3231-100-15

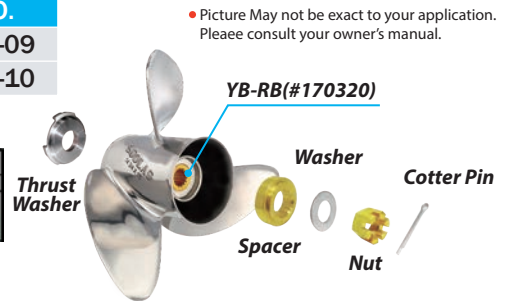
NEW SATURN

B	D	P	R	PART NO.
4	10	9	R	3233-100-09
4	10	10	R	3233-100-10

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
	Original YAMAHA Part	Original YAMAHA Part	Original YAMAHA Part	YBNT	C pin(1 1/2")
B					

*Original OEM hardware is required, or purchase the replacements



B 25 ~ 30 Horsepower Mariner (Japan Origin Tohatsu) 3" Gearcase (10 Tooth Spline)

25 HP 4-Stroke (Not Bigfoot) 06 ~ Newer 30 HP 4-Stroke (Not Bigfoot) 06 ~ Newer

Pressed-in Propellers

SATURN

B	D	P	R	PART NO.
3	10	8	R	5221-100-08
3	10	9	R	5221-100-09
3	10	10	R	5221-100-10
3	10	11	R	5221-100-11
3	10	12	R	5221-100-12
3	10	13	R	5221-100-13
3	10	14	R	5221-100-14

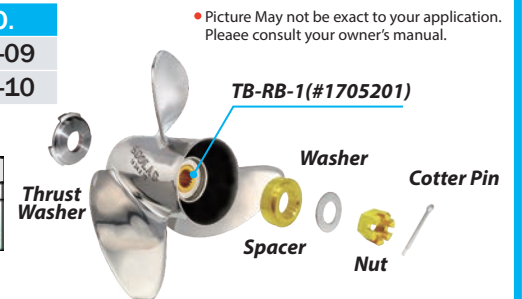
NEW SATURN

B	D	P	R	PART NO.
4	10	9	R	5233-100-09
4	10	10	R	5233-100-10

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TANT	C pin(1 1/2")
B					

*Original OEM hardware is required, or purchase the replacements



C 25~70 Horsepower / 3-1/4" Gearcase (13 Tooth Spline & Thru Hub Exhaust)

25 HP Bigfoot (4-Stroke) 99 ~ 05	402 & 500 Models 1974 ~ Newer	50 HP (2&4-Stroke)(Not Bigfoot) 77 ~
30 HP Bigfoot (4-Stroke) 2001 ~	40 HP (2&4-Stroke)(Not Bigfoot) ... 77 ~	55 HP (Mercury/Sea Pro/Marathon) 95 ~
30 HP (2&4-Stroke) 94 ~ 05	40 HP (Sea Pro/Marathon) 77 ~	60 HP (4-Stroke)(Not Bigfoot or Sea Pro/Marathon) 78 ~
30 HP (Sea Pro/Marathon) ... 94 ~	45 HP 86 ~ 89	60 HP (2-Stroke) 78 ~
35 HP 84 ~ 89	48 HP (Mariner) All Years	70 HP (Includes Model 700) 83 ~
		(FORCE) 40/50 HP 95 ~98, 70 HP 91 ~ 95, 75 HP 96 ~98

Pressed-in Propellers

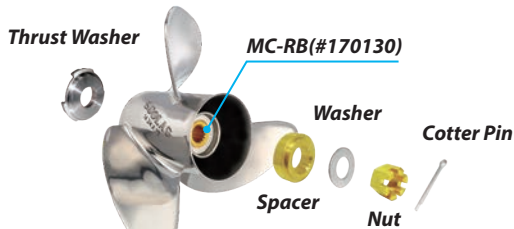
NEW SATURN

B	D	P	R	PART NO.
3	12	8	R	1331-120-08
3	12	9	R	1331-120-09
3	11 7/8	10	R	1331-119-10
3	11 5/8	11	R	1331-116-11
3	11 3/8	12	R	1331-114-12
3	11 1/8	13	R	1331-111-13
3	11 1/8	14	R	1331-111-14
3	11	15	R	1331-110-15

Replacement parts:

Thrust Washer	Spacer	Washer	Nut
MCTW	Installed on Prop	MCWS	MCNT
KITS part #: 17013501			

*Original OEM hardware is required, or purchase the replacements



• Picture May not be exact to your application. Please consult your owner's manual.

Interchangeable Hub Propellers

RUBEX NS3 RBX

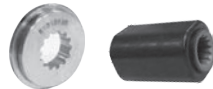
PART NO.	Hub kits
9331-116-11	+ RBX-114
9331-114-12	
9331-111-13	
9331-111-14	
9331-110-15	

RUBEX RBX

B	D	P	R	PART NO.	Hub kits
4	11 1/2	11	R	9333-115-11	+ RBX-114
4	11 1/2	12	R	9333-115-12	
4	11 1/2	13	R	9333-115-13	
4	11 1/2	14	R	9333-115-14	

RBX-114

Thrust Washer
(#81013130)
included in kit



RBX Hub
(#73141301)
included in kit

RUBEX Propeller



Aft Spacer
(#81053130)
included in kit

Nut
(Original Part)
not included in kit



Flat Washer
(#8108113)
included in kit

C 40 Horsepower (Japan Origin Tohatsu) 13 Tooth Spline

Pressed-in Propellers

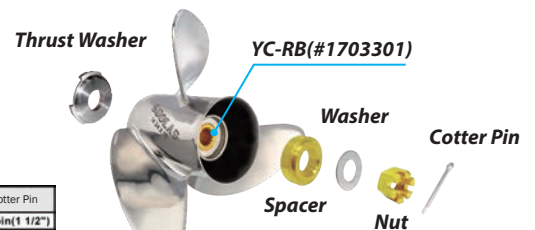
NEW SATURN

B	D	P	R	PART NO.
3	12	8	R	5331-120-08
3	12	9	R	5331-120-09
3	11 7/8	10	R	5331-119-10
3	11 5/8	11	R	5331-116-11
3	11 3/8	12	R	5331-114-12
3	11 1/8	13	R	5331-111-13
3	11 1/8	14	R	5331-111-14
3	11	15	R	5331-110-15

Replacement parts:

Thrust Washer	Spacer	Washer	Nut	Cotter Pin
Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TCNT	Cpin(1 1/2")

*Original OEM hardware is required, or purchase the replacements



• Picture May not be exact to your application. Please consult your owner's manual.

D 40~140 Horsepower / 4-1/4" Gearcase (15 Tooth Spline & Thru Hub Exhaust)

- 40 HP Bigfoot (4-Stroke)/CT All Years
- 50 HP Bigfoot (4-Stroke)/CT All Years
- 60 HP Bigfoot (4-Stroke)/CT 95 ~
- 60 HP (Sea Pro/Marathon) 95 ~
- 65 HP (Model 650 - 4 Cyl.) 61 ~ 70
- 65 HP (Model 650 - 2 Cyl.) ~ 71
- 70 HP 87 ~ 89
- 75 HP (2 & 4-Stroke) 84 ~

- 75 HP (Sea Pro/Marathon) All Years
- 80 HP 78 ~ 89
- 80 HP (Mariner) 78 ~ 83
- 80 HP (Yamaha) 77 ~ 83
- 80 HP (Model 800, 2&4 Cyl.) ~ 77
- 85 HP (Model 850, 2&4 Cyl.) ~ 77
- 90 HP (2 & 4-Stroke) 78 ~
- 90 HP (Yamaha) 78 ~ 83

- 100 HP 88 ~ 99
- 115 HP (2 & 4-Stroke) 78 ~
- 115 HP (Yamaha) 78 ~ 83
- 125 HP 94 ~ Newer
- 140 HP (Includes Sea Pro/Offshore) 78 ~ 81
- 140 HP (Yamaha) 78 ~ 79
- Models 900 ~ 1500 ~ 77
- (FORCE) 75 HP ... 1999 ~ & 90, 120, 150 HP ... 1995 ~

Pressed-in Propellers

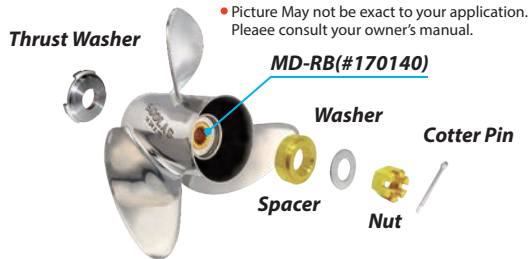
NEW SATURN

B	D	P	R	PART NO.
3	14	11	R	1431-140-11
3	13 3/4	13	R	1431-138-13
3	13 3/4	13	L	
3	13 1/2	15	R	1431-135-15
3	13 1/2	15	L	
3	13 1/4	17	R	1431-133-17
3	13 1/4	17	L	
3	13	19	R	1431-130-19
3	13	19	L	
3	13	21	R	1431-130-21

HR TITAN 4

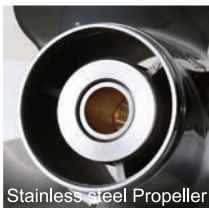
B	D	P	R	PART NO.
4	13 1/2	13	R	1453-135-13
4	13 1/2	13	L	
4	13 1/4	15	R	1453-133-15
4	13 1/4	15	L	
4	13 1/4	16	R	
4	13	17	R	1453-130-17
4	13	17	L	
4	13	19	R	1453-130-19
4	13	19	L	
4	13	21	R	1453-130-21
4	13	21	L	

Thrust Washer



• Picture May not be exact to your application. Please consult your owner's manual.

Original SOLAS MD Propeller (Front view)



Stainless steel Propeller

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
D	MDTW		MEWS	MDNT
	Installed on Prop			

KITS part #: 17014501

*Original OEM hardware is required, or purchase the replacements

*Original design has no longer been manufactured since 2016.

Mercury, Flo-Torq are registered trademarks of the Brunswick Corporation.

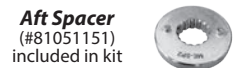
Interchangeable Hub Propellers

RUBEX NS3 RBX

PART NO.	Hub kits
9431-138-13	RBX-102 + or RBX-102B
9432-138-13	
9431-135-15	
9432-135-15	
9431-133-17	
9432-133-17	
9431-130-19	
9432-130-19	
9431-130-21	
9432-130-21	

RUBEX HR4 RBX

PART NO.	Hub kits
9453-135-13	RBX-102 + or RBX-102B
9454-135-13	
9453-133-15	
9454-133-15	
9453-133-16	
9453-130-17	
9454-130-17	
9453-130-19	
9454-130-19	
9453-130-21	
9454-130-21	



RBX-102

RBX-102B

RBX Hub (#81023150) included in kit

RBX Hub (#81223151) included in kit

For Salt water



DO NOT USE "NEW" MD PROPELLER FOR HONDA ENGINE

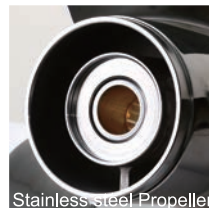
Original Mercury Flo-Torq Thrust Washer

* New SOLAS MD Propeller (Front view)



Note:

Thrust Washer not included, please use Original Mercury Flo-Torq Thrust Washer part # 12-8354671, or Solas thrust washer part # ME-TW / 81013150



Stainless steel Propeller

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
D-1	METW		MEWS	MDNT
	Installed on Prop			

KITS part #: 17014501A

*Original OEM hardware is required, or purchase the replacements

E 90~200 Horsepower / 4-3/4" Gearcase (15 Tooth Spline & Thru Hub Exhaust)

90 HP (Command Thrust) 2014 ~	115 HP (Command Thrust) 2014 ~	150 HP 78 ~	175 HP 78 ~
100 HP (Command Thrust) 2015 ~	135 HP 87 ~	150 HP (Yamaha) 79 ~ 83	175 HP (Yamaha) 78 ~ 79
			200 HP 78 ~

Pressed-in Propellers

NEW SATURN

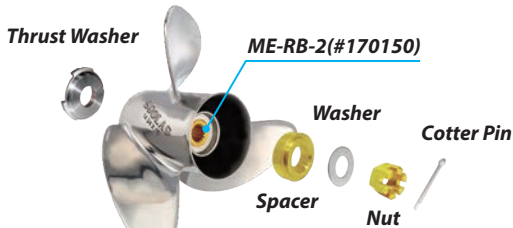
B	D	P	R	PART NO.
3	14 1/2	15	R	1531-145-15
3	14 1/2	15	L	1532-145-15
3	14 1/4	17	R	1531-143-17
3	14 1/4	17	L	1532-143-17
3	14	19	R	1531-140-19
3	14	19	L	1532-140-19
3	14	21	R	1531-140-21
3	14	21	L	1532-140-21
3	14	23	R	1531-140-23
3	14	23	L	1532-140-23
3	14	25	R	1531-140-25

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
	METW	MESP2	MEWS2	MDNT
E				

KITS part # : 17015501A

*Original OEM hardware is required, or purchase the replacements



• Picture May not be exact to your application. Please consult your owner's manual.

Interchangeable Hub Propellers

RUBEX NS3 RBX

PART NO.	Hub kits
9531-145-15	RBX-102 + or RBX-102B
9532-145-15	
9531-143-17	
9532-143-17	
9531-140-19	
9532-140-19	
9531-140-21	
9532-140-21	
9531-140-23	
9532-140-23	
9531-140-25	
9532-140-25	



E 220~300 Horsepower / 4-3/4" Gearcase (15 Tooth Spline & Thru Hub Exhaust)

220 HP 87 ~ 88 225 HP (Marathon) All Years 275 HP 90 ~ 94
 225 HP 80 ~ 250 HP 94 ~ 300 HP 83, & 99 ~

Pressed-in Propellers



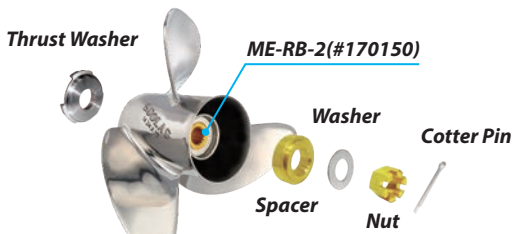
B	D	P	R	PART NO.
3	15 3/4	15	R	1571-158-15
3	15 3/4	15	L	1572-158-15
3	15 5/8	16	R	1571-156-16
3	15 5/8	16	L	1572-156-16
3	15 1/2	17	R	1571-155-17
3	15 1/2	17	L	1572-155-17
3	15 3/8	18	R	1571-154-18
3	15 3/8	18	L	1572-154-18
3	15 1/4	19	R	1571-153-19
3	15 1/4	19	L	1572-153-19
3	15 1/8	20	R	1571-151-20
3	15 1/8	20	L	1572-151-20
3	15	21	R	1571-150-21
3	15	21	L	1572-150-21
3	14 7/8	22	R	1571-149-22
3	14 7/8	22	L	1572-149-22
3	14 3/4	23	R	1571-148-23
3	14 3/4	23	L	1572-148-23
3	14 1/2	25	R	1571-145-25
3	14 1/2	25	L	1572-145-25
3	14 1/2	27	R	1571-145-27
3	14 1/2	27	L	1572-145-27

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
	METW	MESP2	MEWS2	MDNT
E				

KITS part # : 17015501A

*Original OEM hardware is required, or purchase the replacements



• Picture May not be exact to your application. Please consult your owner's manual.

Interchangeable Hub Propellers

RUBEX L3 RBX

PART NO.	Hub kits
9571-158-15	
9572-158-15	
9571-156-15	
9572-156-16	
9571-155-17	
9572-155-17	
9571-154-18	
9572-154-18	
9571-153-19	
9572-153-19	
9571-151-20	
9572-151-20	
9571-150-21	
9572-150-21	
9571-149-22	
9572-149-22	
9571-148-23	
9572-148-23	
9571-145-25	
9572-145-25	
9571-145-27	
9572-145-27	

+ RBX-102B

RBX-102B



- E** MERCUISER STERNDRIVES / 4-3/4" Gearcase (15 Tooth Spline & Thru Hub Exhaust)
- | | |
|---|--|
| MODELS 1S, 1B, 1C ... ~ 82 | MODELS 225S, 233, 255TRS, 260, 280TRS, 330TRS ... ~ 82 |
| MODELS 120,140,145 DTS ... ~ 82 | MERCUISER 120 ~ 260 HP ... 83 ~ 85 |
| MODELS 165, 228, 470, 485, 888, 898 ~ 82 | ALPHA ONE DRIVE (Gen. 1 & Gen. 2 All Motors & HP) |
| | BRAVO ONE DRIVE (Bravo One & Bravo One X Drives Only) |

Pressed-in Propellers

HRTITAN3

B	D	P	R	PART NO.
3	15	14	R	1551-150-14
3	15	14	L	1552-150-14
3	14 3/4	16	R	1551-148-16
3	14 3/4	16	L	1552-148-16
3	14 3/4	17	R	1551-148-17
3	14 3/4	17	L	1552-148-17
3	14 3/4	18	R	1551-148-18
3	14 3/4	18	L	1552-148-18
3	14 3/4	19	R	1551-148-19
3	14 3/4	19	L	1552-148-19
3	14 3/4	20	R	1551-148-20
3	14 3/4	20	L	1552-148-20
3	14 1/2	21	R	1551-145-21
3	14 1/2	21	L	1552-145-21
3	14 1/4	22	R	1551-143-22
3	14 1/4	22	L	1552-143-22
3	14	24	R	1551-140-24
3	14	24	L	1552-140-24

HRTITAN4

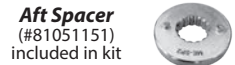
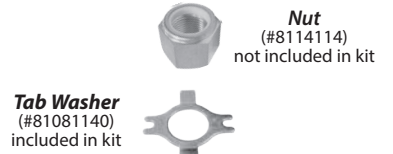
B	D	P	R	PART NO.
4	14 1/2	14	R	
4	14 1/2	15	R	1553-145-15
4	14 1/2	15	L	1554-145-15
4	14 1/2	16	R	
4	14 1/4	17	R	1553-143-17
4	14 1/4	17	L	1554-143-17
4	14 1/8	18	R	1553-141-18
4	14 1/8	18	L	1554-141-18
4	14 1/8	19	R	1553-141-19
4	14 1/8	19	L	1554-141-19
4	14	20	R	1553-140-20
4	14	20	L	1554-140-20
4	14	21	R	1553-140-21
4	14	21	L	1554-140-21
4	14	22	R	1553-140-22
4	14	22	L	1554-140-22
4	14	23	R	1553-140-23
4	14	23	L	1554-140-23
4	14	25	R	1553-140-25
4	14	25	L	1554-140-25
4	14	27	R	1553-140-27

Interchangeable Hub Propellers

RUBEX HR3 RBX

PART NO.	Hub kits
9551-150-14	
9552-150-14	
9551-148-16	
9552-148-16	
9551-148-17	
9552-148-17	
9551-148-18	
9552-148-18	
9551-148-19	
9552-148-19	
9551-148-20	
9552-148-20	
9551-145-21	
9552-145-21	
9551-143-22	
9552-143-22	
9551-140-24	
9552-140-24	

RBX-102B



For Salt water

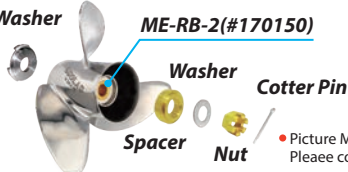
Thrust Washer (#81013150) included in kit



RUBEX HR4 RBX

PART NO.	Hub kits
9553-145-14	
9553-145-15	
9554-145-15	
9553-145-16	
9553-143-17	
9554-143-17	
9553-141-18	
9554-141-18	
9553-141-19	
9554-141-19	
9553-140-20	
9554-140-20	
9553-140-21	
9554-140-21	
9553-140-23	
9554-140-23	
9553-140-25	
9554-140-25	

Thrust Washer ME-RB-2(#170150)



• Picture May not be exact to your application. Please consult your owner's manual.

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
E	METW	MESP2	MEWS2	MDNT

KITS part # : 17015501A

*Original OEM hardware is required, or purchase the replacements

E Models with 1 1/4" propshaft; 19 tooth spline (Rubber & SS Hub)
225 EFI (4-Stroke) manufactured by Yamaha ; 15 tooth spline 4-3/4" Gearcase

Interchangeable Hub Propellers

RUBEX™ L3

B	D	P	R	PART NO.
3	15 3/4	15	R	9571-158-15
3	15 3/4	15	L	9572-158-15
3	15 5/8	16	R	9571-156-15
3	15 5/8	16	L	9572-156-16
3	15 1/2	17	R	9571-155-17
3	15 1/2	17	L	9572-155-17
3	15 3/8	18	R	9571-154-18
3	15 3/8	18	L	9572-154-18
3	15 1/4	19	R	9571-153-19
3	15 1/4	19	L	9572-153-19
3	15 1/8	20	R	9571-151-20
3	15 1/8	20	L	9572-151-20
3	15	21	R	9571-150-21
3	15	21	L	9572-150-21
3	14 7/8	22	R	9571-149-22
3	14 7/8	22	L	9572-149-22
3	14 3/4	23	R	9571-148-23
3	14 3/4	23	L	9572-148-23
3	14 1/2	25	R	9571-145-25
3	14 1/2	25	L	9572-145-25
3	14 1/2	27	R	9571-145-27
3	14 1/2	27	L	9572-145-27

RBX™

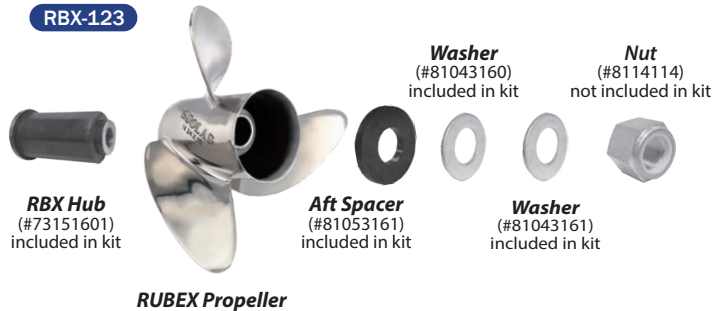
Hub kits

RBX™

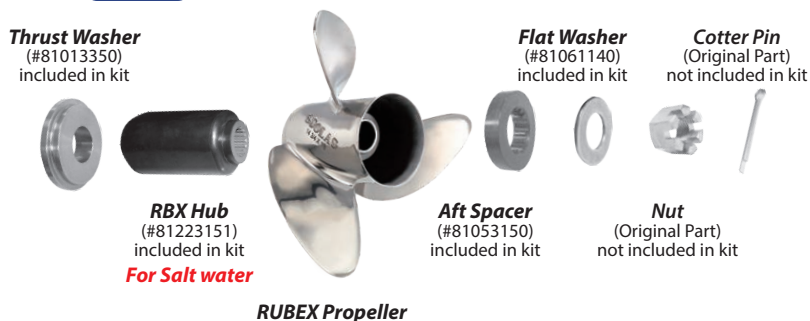
Hub kits

+ RBX-123 RBX-124B
Models with 1 1/4" propshaft
225 EFI manufactured by Yamaha

RBX-123



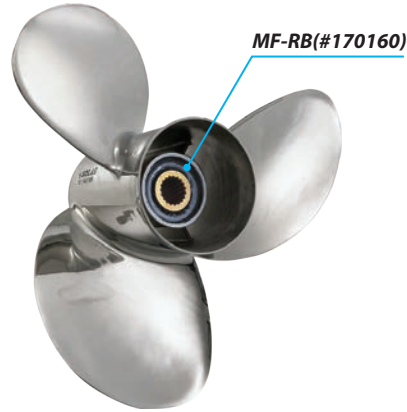
RBX-124B



F MERCUISER (BRAVO II) 4.3L ~ 7.4L / D 2.8L ~ D 7.3L
19 Tooth Spline & Thru Hub Exhaust

TITAN

B	D	P	R	PART NO.
3	19 1/4	15	R	1641-193-15
3	19 1/4	15	L	1642-193-15
3	18 3/4	17	R	1641-188-17
3	18 3/4	17	L	1642-188-17
3	18 1/4	19	R	1641-183-19
3	18 1/4	19	L	1642-183-19
3	17 3/4	21	R	1641-178-21
3	17 3/4	21	L	1642-178-21
3	17 1/2	23	R	1641-175-23
3	17 1/2	23	L	1642-175-23
3	17 1/4	25	R	1641-173-25
3	17 1/4	25	L	1642-173-25



G MERCUISER (BRAVO III) Fits all Bravo III Stern drives
19 Tooth Spline & Thru Hub Exhaust

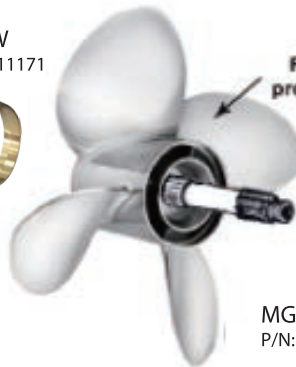
B3

B	D	P	R	PART NO.
4	16	18	Front	1654-160-18
4	16	20	Front	1654-160-20
4	16	21	Front	1654-160-21
4	15 3/4	22	Front	1654-158-22
4	15 3/4	23	Front	1654-158-23
4	15 1/2	24	Front	1654-155-24
4	15 1/2	25	Front	1654-155-25
4	15 1/2	26	Front	1654-155-26
4	15 1/2	27	Front	1654-155-27
4	15	28	Front	1654-150-28
3	14 3/8	18	Rear	1651-144-18
3	14 3/8	20	Rear	1651-144-20
3	14 3/8	21	Rear	1651-144-21
3	14 1/4	22	Rear	1651-143-22
3	14 1/4	23	Rear	1651-143-23
3	14	24	Rear	1651-140-24
3	14	25	Rear	1651-140-25
3	14	26	Rear	1651-140-26
3	14	27	Rear	1651-140-27
3	13 3/4	28	Rear	1651-138-28

MGFTW
P/N: 81011171



Front propeller



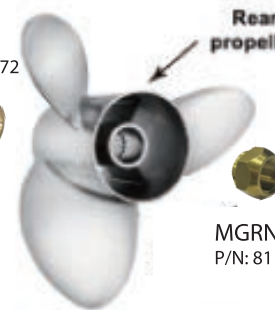
MGRTW
P/N: 81011172



MGFNT
P/N: 81141171



Rear propeller



MGRNT
P/N: 81141172



Replacement parts:

	Front Thrust Washer	Rear Thrust Washer	Front Nut	Rear Nut	
B3 BRAVO III					17017501
	MGFTW	MGRTW	MGFNT	MGRNT	

2.5 ~3.5 HP (Plastic Propeller) (Pin Drive)

B	D	P	R	PART NO.
3	7 1/4	6	R	0001-073-06-P



5 4 / 6 Horsepower (12 Tooth Spline & Thru Hub Exhaust)
4 HP (4-Stroke) ... 1999 ~ 4 HP (2-Stroke) ... 1987 ~
5 HP (2-Stroke) ... 1987 ~ 6 HP (4-Stroke) ... 1999 ~

Pressed-in Propellers

AMITA 3

B	D	P	R	PART NO.
3	7.8	6	R	5011-078-06
3	7.8	7	R	5011-078-07
3	7.8	8	R	5011-078-08
3	7.8	9	R	5011-078-09

8 HP (Pin Drive)
8 HP 1976 ~ 84 Mariner

B	D	P	R	PART NO.
3	8.25	8	R	2011-083-08P



Pin Drive

8 8 ~ 9.9 Horsepower / 2-1/2" Gearcase (12 Tooth Spline & Thru Hub Exhaust)
Mercury 8, 9.9 HP (4-Stroke Non Bigfoot) 2005 ~ Newer

Pressed-in Propellers

AMITA 3

B	D	P	R	PART NO.
3	8.5	7	R	5011-085-07
3	8.5	8	R	5011-085-08
3	8.5	9	R	5011-085-09

AMITA 4

B	D	P	R	PART NO.
4	8.7	5	R	5013-087-05
4	8.7	7	R	5013-087-07

High Thrust Propeller

Excellent forward and reverse thrust.
 Ideal for kicker/auxiliary engines with heavy loads



A 6 ~ 15 Horsepower / 2-1/2" Gearcase (8 Tooth Spline & Thru Hub Exhaust)

6, 8, 9.9 HP (2-Stroke) 86 ~ 10 HP 86 ~ 15 HP (2 & 4-Stroke) ... 89 ~ 06
8, 9.9 HP (4-Stroke Not Big Foot) ... 02 ~ 04 10, 15 HP (Sea Pro/Marathon) ... 95 ~ 01 (FORCE) 9.9 & 15 HP ... 96 ~ 98

Pressed-in Propellers

AMITA 3

B	D	P	R	PART NO.
3	9.25	7	R	1111-093-07
3	9.25	8	R	1111-093-08
3	9.25	9	R	1111-093-09
3	9.25	10	R	1111-093-10
3	9.25	11	R	1111-093-11
3	9.25	12	R	1111-093-12

AMITA 4

B	D	P	R	PART NO.
4	9.25	7	R	1113-093-07
4	9.25	8	R	1113-093-08
4	9.25	9	R	1113-093-09
4	9.25	10	R	1113-093-10
4	9.25	11	R	1113-093-11




AMITA 4

B	D	P	R	PART NO.
4	10	5	R	1113-100-05
4	10	7	R	1113-100-07

High Thrust Propeller

Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
	MATW	MASP		MANT
A			N/A	

KITS part # : 17011501

*Original OEM hardware is required, or purchase the replacements

Interchangeable Hub Propellers

RUBEX 3

PART NO.	Hub kits
9111-093-07	+ RBX-A10
9111-093-08	
9111-093-09	
9111-093-10	
9111-093-11	
9111-093-12	

RBX-A10



Nut
(Original Part)
not included in kit



Aft Spacer
(#81058110)
included in kit



RBX Hub
(#731461010)
included in kit



RUBEX Propeller



Thrust Washer Adapter
(#81188110)
included in kit



Thrust Washer
(#810111MATW)
included in kit

A 9.9 ~ 20 Horsepower / 2-1/2" Gearcase (14 Tooth Spline) Japan Origin

9.9 HP Big Foot ... 2005 ~ Newer 15, 20 HP (4-Stroke) ... 2007 ~ Newer Tohatsu

Pressed-in Propellers

AMITA 3

B	D	P	R	PART NO.
3	9.25	7	R	5111-093-07
3	9.25	8	R	5111-093-08
3	9.25	9	R	5111-093-09
3	9.25	10	R	5111-093-10
3	9.25	11	R	5111-093-11
3	9.25	12	R	5111-093-12

AMITA 4

B	D	P	R	PART NO.
4	9.25	7	R	5113-093-07
4	9.25	8	R	5113-093-08
4	9.25	9	R	5113-093-09
4	9.25	10	R	5113-093-10
4	9.25	11	R	5113-093-11

AMITA 4

B	D	P	R	PART NO.
4	10	5	R	5113-100-05
4	10	7	R	5113-100-07

High Thrust Propeller

Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
A	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TANT	C pin(1 1/2")

*Original OEM hardware is required, or purchase the replacements

Interchangeable Hub Propellers

RUBEX 3

PART NO.	Hub kits
9111-093-07	+ RBX-A50
9111-093-08	
9111-093-09	
9111-093-10	
9111-093-11	
9111-093-12	

RBX-A50

Cotter Pin
(Original Part)
not included in kit

Nut
(Original Part)
not included in kit

Washer
(Original Part)
not included in kit

Aft Spacer
(#81058510)
included in kit

RBX Hub
(#731461050)
included in kit



RUBEX Propeller

Thrust Washer Adapter
(#81188510)
included in kit

OEM Thrust Washer
(Supplied with engine)

15 ~ 25 HP (Pin Drive) Mariner
15 HP 1976 ~ 1981 15A HP 1979 ~ 1982
20 HP 1976 ~ 1979 25 HP 1977 ~ 1979
W15 1977 ~ 1985



B	D	P	R	PART NO.
3	9	10	R	2111-090-10P
3	9.25	11	R	2111-093-11P

15 ~ 25 HP (Spline Drive)

B	D	P	R	PART NO.
3	9	10	R	2111-090-10S
3	9.25	11	R	2111-093-11S



Pin Drive



Spline Drive

B 9.9 ~ 25 Horsepower / 3" Gearcase (10 Tooth Spline & Thru Hub Exhaust)

9.9 & 15 HP (4-Stroke Big Foot/Sail) ... 99 ~ 2005
 18 HP (Mercury) 80 ~ 85
 20 HP (2-Stroke Mercury) ... 86 ~ 02

25 HP (Mariner 2-Stroke) 85 ~
 25 HP (2-Stroke Mercury) 80 ~ 05
 25 HP (Sea Pro/Marathon) All Years

20 HP (Mariner 2-Stroke) ... 85 ~
 (FORCE) 25 HP 3Cyl 95 ~ 98

Pressed-in Propellers

AMITA 3

B	D	P	R	PART NO.
3	11	9	R	1211-110-09
3	10.8	10	R	
3	10.5	11	R	1211-105-10
3	10.3	12	R	1211-103-11
3	10.1	13	R	1211-101-12
3	10	14	R	1211-100-13
3	10	15	R	1211-100-15

AMITA 4

B	D	P	R	PART NO.
4	10.2	11	R	1213-102-11
4	10.1	12	R	1213-101-12
4	10	13	R	1213-100-13
4	10	14	R	1213-100-14
4	10	15	R	1213-100-15

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
	MBTW		MBWS	MBNT
B		Installed on Prop		

KITS part #: 17012501

*Original OEM hardware is required, or purchase the replacements

Interchangeable Hub Propellers

RUBEX 3

PART NO.	Hub kits
9211-110-09	+ RBX-B10
9211-108-10	
9211-105-11	
9211-103-12	
9211-101-13	
9211-100-14	
9211-100-15	

RBX

RBX-B10



Nut
 (Original Part)
 not included in kit



Aft Spacer
 (#81058120)
 included in kit



RBX Hub
 (#731462010)
 included in kit



RUBEX Propeller



Thrust Washer Adapter
 (#81188120)
 included in kit



OEM Thrust Washer
 (Supplied with engine)

B 25 ~ 30 Horsepower Mariner (Japan Origin Yamaha) 3" Gearcase (10 Tooth Spline)

25 HP ... 80 ~ 84 28 HP ... 76 ~ 79 30 HP ... 79 ~ 90

Pressed-in Propellers

AMITA 3

B	D	P	R	PART NO.
3	9.9	9	R	3211-099-09
3	9.9	10	R	3211-099-10
3	9.9	11	R	3211-099-11
3	9.9	12	R	3211-099-12
3	9.9	13	R	3211-099-13
3	9.9	14	R	

AMITA 4

B	D	P	R	PART NO.
4	10.2	11	R	3213-102-11
4	10.1	12	R	3213-101-12
4	10	13	R	3213-100-13
4	10	14	R	3213-100-14
4	10	15	R	3213-100-15

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
				YBNT	C pin(1 1/2")
Original YAMAHA Part	Original YAMAHA Part	Original YAMAHA Part	Original YAMAHA Part		

*Original OEM hardware is required, or purchase the replacements

Interchangeable Hub Propellers

RUBEX 3

RBX

PART NO.	Hub kits
9211-099-09	+ RBX-B30
9211-099-10	
9211-099-11	
9211-099-12	
9211-099-13	
9211-099-14	

RBX-B30

Cotter Pin (Original Part) not included in kit

Nut (Original Part) not included in kit

Washer (Original Part) not included in kit

Aft Spacer (#81058320) included in kit

RBX Hub (#731462030) included in kit



RUBEX Propeller

Thrust Washer Adapter (#81188320) included in kit

OEM Thrust Washer (Supplied with engine)

B 25 ~ 30 Horsepower (Japan Origin Tohatsu) 3" Gearcase (10 Tooth Spline)

25 HP 4-Stroke (Not Bigfoot) ... 06 ~ Newer 30 HP 4-Stroke (Not Bigfoot) ... 06 ~ Newer

Pressed-in Propellers

AMITA 3

B	D	P	R	PART NO.
3	9.9	9	R	5211-099-09
3	9.9	10	R	5211-099-10
3	9.9	11	R	5211-099-11
3	9.9	12	R	5211-099-12
3	9.9	13	R	5211-099-13
3	9.9	14	R	5211-099-14

AMITA 4

B	D	P	R	PART NO.
4	10.2	11	R	5213-102-11
4	10.1	12	R	5213-101-12
4	10	13	R	5213-100-13
4	10	14	R	5213-100-14
4	10	15	R	5213-100-15

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
				TANT	C pin(1 1/2")
Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part		

*Original OEM hardware is required, or purchase the replacements

Interchangeable Hub Propellers

RUBEX 3

RBX

PART NO.	Hub kits
9211-099-09	+ RBX-B50
9211-099-10	
9211-099-11	
9211-099-12	
9211-099-13	
9211-099-14	

RBX-B50

Cotter Pin (Original Part) not included in kit

Nut (Original Part) not included in kit

Washer (Original Part) not included in kit

Aft Spacer (#81058520) included in kit

RBX Hub (#731462030) included in kit



RUBEX Propeller

OEM Thrust Washer (Supplied with engine)

C 25 ~ 70 Horsepower / 3-1/4" Gearcase (13 Tooth Spline & Thru Hub Exhaust)

25 HP Bigfoot (4-Stroke) 99 ~ 05	402 & 500 Models 1974 ~ Newer	50 HP (2 & 4-Stroke) (Not Bigfoot) 77 ~
30 HP Bigfoot (4-Stroke) 2010 ~	40 HP (2 & 4-Stroke) (Not Bigfoot) ... 77 ~	55 HP (Mercury/Sea Pro/Marathon) 95 ~
30 HP (2 & 4-Stroke) 94 ~ 05	40 HP (Sea Pro/Marathon) 77 ~	60 HP (4-Stroke) (Not Bigfoot or Sea Pro/Marathon) ... 78 ~
30 HP (Sea Pro/Marathon) 94 ~	45 HP 86 ~ 89	60 HP (2-Stroke) 78 ~
35 HP 84 ~ 89	48 HP (Mariner) All Years	70 HP (Includes Model 700) ~83
		(FORCE) 40/50 HP ... 95 ~ 98, 70 HP ... 91 ~ 95, 75 HP 96 ~ 98

Pressed-in Propellers




AMITA 3

B	D	P	R	PART NO.
3	12.2	7	R	1311-122-07
3	12.2	8	R	1311-122-08
3	12.1	9	R	1311-121-09
3	11.8	10	R	1311-118-10
3	12	10	R	
3	11.6	11	R	1311-116-11
3	11.4	12	R	1311-114-12
3	11.1	13	R	1311-111-13
3	11.1	14	R	1311-111-14
3	11	15	R	1311-110-15
3	11	16	R	1311-110-16
3	11	17	R	1311-110-17

AMITA 4

B	D	P	R	PART NO.
4	11.8	9	R	1313-118-09
4	11.4	10	R	1313-114-10
4	11.1	11	R	1313-111-11
4	10.8	12	R	1313-108-12
4	10.5	13	R	1313-105-13
4	10.5	14	R	1313-105-14

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
	MCTW		MCWS	MCNT
c		Installed on Prop		
	KITS part # : 17013501			

*Original OEM hardware is required, or purchase the replacements

Interchangeable Hub Propellers

RUBEX 3

PART NO.	Hub kits
9311-121-09	
9311-120-10	
9311-116-11	+ RBX-114
9311-114-12	
9311-111-13	
9311-111-14	
9311-110-15	

RBX-114



Nut
(Original Part)
not included in kit

Tap Washer
(#8108113)
included in kit

Aft Spacer
(#81053130)
included in kit

RUBEX Propeller

RBX Hub
(#73141301)
included in kit

Thrust Washer
(#81013130)
included in kit

D 40 ~ 140 Horsepower / 4-1/4" Gearcase (15 Tooth Spline & Thru Hub Exhaust)

40 HP Bigfoot (4-Stroke)/CT ... All Years	75 HP (Sea Pro/Marathon) All Years	100 HP 88 ~ 99
50 HP Bigfoot (4-Stroke)/CT.... All Years	80 HP 78 ~ 89	115 HP (2 & 4-Stroke) 78 ~
60 HP Bigfoot (4-Stroke)/CT ... 95 ~	80 HP (Mariner) 78 ~ 83	115 HP (Yamaha) 78 ~ 83
60 HP (Sea Pro/Marathon) 95~	80 HP (Yamaha) 77 ~ 83	125 HP 94 ~ Newer
65 HP (Model 650 - 4 Cyl.) ... 61 ~ 70	80 HP (Model 800, 2 & 4 Cyl.) ... ~ 77	140 HP (Includes Sea Pro/Offshore) 78 ~ 81
65 HP (Model 650 - 2 Cyl.) ... ~71	85 HP (Model 850, 2 & 4 Cyl.) ... ~ 77	140 HP (Yamaha) 78 ~ 79
70 HP ... 87 ~ 89	90 HP (2 & 4-Stroke) 78 ~	Models 900 ~ 1500 ~ 77
75 HP (2 & 4-Stroke) 84 ~	90 HP (Yamaha) 78 ~ 83	(FORCE) 75 HP ... 1999 ~ & 90, 120, 150 HP ...1995 ~

Pressed-in Propellers

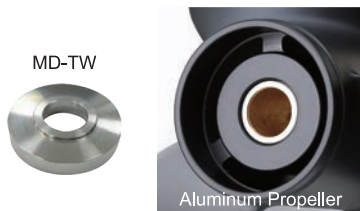
AMITA 3

B	D	P	R	PART NO.
3	14	9	R	1411-140-09
3	14	11	R	1411-140-11
3	13.75	13	R	1411-138-13
3	13.5	14	R	1411-135-14
3	13.5	15	R	1411-135-15
3	13.5	16	R	1411-135-16
3	13.25	17	R	1411-133-17
3	13.25	18	R	1411-133-18
3	13	19	R	1411-130-19
3	13	21	R	1411-130-21

AMITA 4

B	D	P	R	PART NO.
4	13.25	13	R	1413-133-13
4	13	15	R	1413-130-15
4	12.75	17	R	1413-128-17
4	12.5	19	R	1413-125-19
4	12.5	21	R	1413-125-21

Original SOLAS MD Propeller (Front view)



*Original design has no longer been manufactured since 2016.

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
D	MDTW		MEWS	MDNT
		Installed on Prop		

KITS part #: 17014501

*Original OEM hardware is required, or purchase the replacements

Interchangeable Hub Propellers

RUBEX 3

PART NO.	Hub kits
9411-140-09	RBX-102 + or RBX-102B
9411-140-11	
9411-138-13	
9411-135-14	
9411-135-15	
9411-135-16	
9411-133-17	
9411-133-18	



Nut
(#8114114)
included in kit



Tab Washer
(#81081140)
included in kit



Aft Spacer
(#81051151)
included in kit

RUBEX 4

PART NO.	Hub kits
9413-133-13	RBX-102 + or RBX-102B
9413-130-15	
9413-128-17	
9413-125-19	



RBX-102
RBX Hub
(#81023150)
included in kit



RBX-102B
RBX Hub
(#81223151)
included in kit
For Salt water

Thrust Washer
(#81013150)
included in kit



DO NOT USE "NEW" MD PROPELLER FOR HONDA ENGINE

* New SOLAS MD Propeller (Front view)

Original Mercury Flo-Torq Thrust Washer



ME-TW 81013150



Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
D-1	METW 81013150	Installed on Prop	MEWS	MDNT

KITS part #: 17014501A

*Original OEM hardware is required, or purchase the replacements

Note:

Thrust Washer not included, please use Original Mercury Flo-Torq Thrust Washer part # 12-8354671, or Solas thrust washer part # ME-TW / 81013150

E MERCUISER STERNDRIVES (15 Tooth Spline & Thru Hub Exhaust)

MODELS 1S, 1B, 1C ... ~ 82

MODELS 120, 140, 145 DTS ... ~ 82

MODELS 165, 228, 470, 485, 888, 898 ... ~ 82

MODELS 225S, 233, 255TRS, 260, 280TRS, 330TRS ... ~ 82

MERCUISER 120 ~ 260 HP ... 83 ~ 85

ALPHA ONE DRIVE (Gen.1 & Gen.2 All Motors & HP)

BRAVO ONE DRIVE (Bravo One & Bravo One X Drives Only)

Pressed-in Propellers

AMITA 3

B	D	P	R	PART NO.
3	14.8	17	R	1511-148-17
3	14.8	17	L	1512-148-17
3	14.5	19	R	1511-145-19
3	14.5	19	L	1512-145-19
3	14.3	21	R	1511-143-21
3	14.3	21	L	1512-143-21
3	14.2	23	R	1511-142-23
3	14.2	23	L	1512-142-23

AMITA 3-E Plus

B	D	P	R	PART NO.
3	16	13	R	1511-160-13
3	15.8	15	R	1511-158-15
3	15.8	15	L	1512-158-15

AMITA 4

B	D	P	R	PART NO.
4	14.75	15	R	1513-148-15
4	14.75	15	L	1514-148-15
4	14.5	17	R	1513-145-17
4	14.5	17	L	1514-145-17
4	14.25	19	R	1513-143-19
4	14.25	19	L	1514-143-19
4	14	21	R	1513-140-21
4	14	21	L	1514-140-21
4	14	23	R	1513-140-23

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
	METW	MESP2	MEWS2	MDNT
E				

KITS part #: 17015501A

*Original OEM hardware is required, or purchase the replacements

Interchangeable Hub Propellers

RUBEX 3 RBX

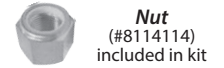
PART NO.	
9511-148-17	RBX-102 + or RBX-102B
9512-148-17	
9511-145-19	
9512-145-19	
9511-143-21	
9512-143-21	
9511-142-23	
9512-142-23	

RUBEX 3 Plus RBX

PART NO.	
9511-160-13	RBX-102
9511-158-15	+ or
9512-158-15	RBX-102B

RUBEX 4 RBX

PART NO.	
9513-148-15	RBX-102 + or RBX-102B
9514-148-15	
9513-145-17	
9514-145-17	
9513-143-19	
9514-143-19	
9513-140-21	
9514-140-21	



RBX-102
RBX Hub
(#81023150)
included in kit



RBX-102B
RBX Hub
(#81223151)
included in kit
For Salt water



E 90 ~ 200 Horsepower / 4-3/4" Gearcase (15 Tooth Spline & Thru Hub Exhaust)

90 HP (Command Thrust) 2014 ~
 100 HP (Command Thrust) ... 2015
 115 HP (Command Thrust) ... 2014 ~

135 HP 87 ~
 150 HP 78 ~
 150 HP (Yamaha) 79 ~ 83

175 HP 78 ~
 175 HP (Yamaha) 78 ~79
 200 HP 78 ~

Pressed-in Propellers

AMITA 3

B	D	P	R	PART NO.
3	15.5	11	R	
3	15.3	13	R	
3	15.5	13	R	1511-155-13
3	15	15	R	1511-150-15
3	15	15	L	1512-150-15
3	14.8	17	R	1511-148-17
3	14.8	17	L	1512-148-17
3	14.5	19	R	1511-145-19
3	14.5	19	L	1512-145-19
3	14.3	21	R	1511-143-21
3	14.3	21	L	1512-143-21
3	14.2	23	R	1511-142-23
3	14.2	23	L	1512-142-23

Replacement parts:

	Thrust Washer	Spacer	Washer	Nut
	METW	MESP2	MEWS2	MDNT
E				

KITS part #: 17015501A

*Original OEM hardware is required, or purchase the replacements

Interchangeable Hub Propellers

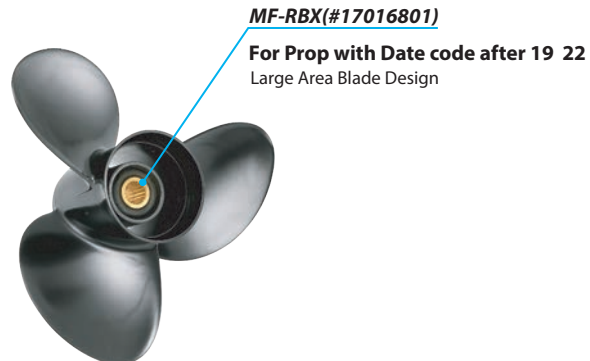
RUBEX 3	RBX
PART NO.	
9511-155-11	
9511-153-13	
9511-150-15	
9512-150-15	
9511-148-17	RBX-102
9512-148-17	+ or
9511-145-19	RBX-102B
9512-145-19	
9511-143-21	
9512-143-21	
9511-142-23	
9512-142-23	



F MERCURISER (BRAVO II) (19 Tooth Spline & Thru Hub Exhaust)

AMITA 3

B	D	P	R	PART NO.
3	19.5	11	R	1611-195-11
3	19.5	11	L	1612-195-11
3	19.5	13	R	1611-195-13
3	19.5	13	L	1612-195-13
3	19.3	15	R	1611-193-15
3	19.3	15	L	1612-193-15
3	18.8	17	R	1611-188-17
3	18.8	17	L	1612-188-17
3	18.25	19	R	1611-183-19
3	18.25	19	L	1612-183-19
3	17.8	21	R	1611-178-21
3	17.8	21	L	1612-178-21



BRAVO II is a registered trademark of the Brunswick Coporation.

* Mercury Cross Reference Application Guide *

To choose a suitable prop pitch compared to the O/E part number, we suggest you consult with your local dealer for further details.

Mercury Propeller									SOLAS Match		SOLAS Match			
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Nearest Solas Match (Stainless Steel)				
								Amita 3	Amita 4	Saturn	New Saturn	Titan	HR Titan 3	HR Titan 4
A	8, 9.9 10, 15 US Origin High Thrust	48- 828152A12	3	9	7	R	Black Max	1111-093-07	1113-093-07	1121-093-07				
		48- 828154A12	3	9	8	R	Black Max	1111-093-08	1113-093-08	1121-093-08				
		48- 828156A12	3	9	9	R	Black Max	1111-093-09	1113-093-09	1121-093-09				
		48- 828158A12	3	9	10 1/2	R	Black Max	1111-093-10	1113-093-10	1121-093-10				
		48- 850204A12	4	9 3/4	6	R	Black Max		1113-100-05					
		-	4	-	7	R			1113-100-07					
B	9.9, 15 Big Foot 20, 25 US Origin	48- 19636A10	3	10 3/8	9 1/2	R	Black Max				1231-108-10			
		48- 19638A40	3	10 3/8	11	R	Black Max	1211-105-11	1213-102-11		1231-105-11			
		48- 19639A40	3	10 3/8	12	R	Black Max	1211-103-12	1213-101-12		1231-103-12			
		48- 19640A40	3	10 3/8	13	R	Black Max	1211-101-13	1213-100-13		1231-101-13			
		48- 19642A40	3	10 1/4	14 1/2	R	Black Max	1211-100-14	1213-100-14		1231-100-14			
		48- 19644A5	3	10 3/8	13	R	Vengeance				1231-101-13			

↑
Original Part No.

↑
Recommended Solas Propeller

↑
Other Applicable Solas Propeller

Propeller Choosing Guide :

1. Check the engine horse power or the present propeller part number.
2. Find the propeller type may be suitable for your application.
3. When looking for a direct replacement, you may check the recommended propeller column.
4. The O/E part number may be changed due to different O/E tool status.
5. This table should only be used as a general reference. The exact condition may be changed due to different applications.

www.solas.com



NOTE : AAAA-BBB-CC Recommended SOLAS Propeller AAAA-BBB-CC Other Applicable SOLAS Propeller

Mercury, Mariner Outboard, Mercruiser Stern Drive

Mercury Propeller								SOLAS Match		SOLAS Match				
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Nearest Solas Match (Stainless Steel)				
								Amita 3	Amita 4	Saturn	New Saturn	Titan	HR Titan 3	HR Titan 4
C	25 Big Foot 30, 35 40,45 50, 55 60	48- 87818A11	3	12 1/4	9	R	Black Max	1311-121-09			1331-120-09			
		48- 85632A40	3	10 7/8	11	R	Black Max	1311-120-10			1331-119-10			
		48- 816702A40	3	10 3/4	12	R	Black Max	1311-116-11			1331-116-11			
		48- 816704A40	3	10 1/2	13	R	Black Max	1311-114-12			1331-114-12			
		48- 816706A40	3	10 3/8	14	R	Black Max	1311-111-13			1331-111-13			
		48- 73140A40	3	10 1/8	15	R	Black Max	1311-111-14			1331-111-14			
		48- 73142A40	3	10	16	R	Black Max	1311-110-15			1331-110-15			
		48- 97868A10	3	12 1/4	9	R	Vengeance				1331-120-09			
		48- 823478A5	3	11 5/8	11	R	Vengeance				1331-119-10			
		48- 855856A5	3	11	12	R	Vengeance				1331-116-11			
		48- 855858A5	3	10 1/2	13	R	Vengeance				1331-114-12			
		48- 855860A5	3	10 3/8	14	R	Vengeance				1331-111-13			
		48- 855862A5	3	10 1/4	15	R	Vengeance				1331-111-14			
		48- 91818A5	3	10	16	R	Vengeance				1331-110-15			
D	40, 50, 60 Big Foot 75, 80, 90 115, 125	48- 77338A45	3	14	11	R	Black Max	1411-140-11			1431-140-11			
		48- 77340A45	3	14	13	R	Black Max	1411-138-13	1413-133-13		1431-138-13			
		48- 77342A45	3	13 3/4	15	R	Black Max	1411-135-15	1413-130-15		1431-135-15			
		48- 77344A45	3	13 1/4	17	R	Black Max	1411-133-17	1413-128-17		1431-133-17			
		48- 77346A45	3	13	19	R	Black Max	1411-130-19	1413-125-19		1431-130-19			
		48- 77348A45	3	12 3/4	21	R	Black Max	1411-130-21	1413-125-21		1431-130-21			
		48- 17312A46	3	14	12	R	Vengeance				1431-140-11			
		48- 17314A46	3	13 3/8	14	R	Vengeance				1431-138-13	1441-138-13		1453-135-13
		48- 16986A46	3	13 1/8	16	R	Vengeance				1431-135-15	1441-138-15		1453-133-15
		48- 16988A46	3	13	18	R	Vengeance				1431-133-17	1441-133-17		1453-130-17
		48- 16990A46	3	13 1/4	20	R	Laser II				1431-130-19	1441-133-19		1453-130-19
		48- 16992A46	3	13 1/2	22	R	Laser II				1431-130-21			1453-130-21

To choose a suitable prop pitch compared to the O/E part number, we suggest you consult with your local dealer for further details.

www.solas.com



NOTE : AAAA-BBB-CC Recommended SOLAS Propeller

AAAA-BBB-CC Other Applicable SOLAS Propeller

Mercury Propeller								SOLAS Match		SOLAS Match						
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Nearest Solas Match (Stainless Steel)						
								Amita 3	Amita 4	Saturn	New Saturn	HR Titan 3	HR Titan 4	Lexor		
E	135	48- 78112A45	3	16	11	R	Black Max				1531-156-11					
	150	48- 78114A45	3	16	13	R	Black Max	1511-160-13			1531-156-13					
	175	48- 78116A45	3	15 1/2	15	R	Black Max	1511-150-15	1513-148-15		1531-145-15					
	225	48- 832828A45	3	15	17	R	Black Max	1511-148-17	1513-145-17		1531-143-17					
	Bravo One		48- 832830A45	3	14 1/2	19	R	Black Max	1511-145-19	1513-143-19		1531-140-19				
			48- 832832A45	3	14 1/4	21	R	Black Max	1511-143-21	1513-140-21		1531-140-21				
			48- 832834A45	3	14	23	R	Black Max	1511-142-23	1513-140-23		1531-140-23				
			48- 78126A45	3	13 3/8	25	R	Black Max				1531-140-25				
			48- 834850A45	4	15	16	R	Alpha 4		1513-145-17				1553-143-17		
			48- 834851A45	4	15	16	L	Alpha 4		1514-145-17				1554-143-17		
			48- 834852A45	4	14 1/2	18	R	Alpha 4		1513-143-19				1553-141-19		
			48- 834853A45	4	14 1/2	18	L	Alpha 4		1514-143-19				1554-141-19		
			48- 834854A45	4	14	20	R	Alpha 4		1513-140-21				1553-140-21		
			48- 834855A45	4	14	20	L	Alpha 4		1514-140-21				1554-140-21		
	Alpha One Bravo One		48- 16312A46	3	14 1/2	15	R	Vengeance				1531-145-15	1551-150-14			
			48- 16314A46	3	14 1/2	17	R	Vengeance				1531-143-17	1551-148-16	1553-145-15		
			48- 16315A46	3	14 1/2	17	L	Vengeance				1532-143-17	1552-148-16	1554-145-15		
			48- 16316A46	3	14	19	R	Vengeance				1531-140-19	1551-148-18	1553-143-17		
			48- 16317A46	3	14	19	L	Vengeance				1532-140-19	1552-148-18	1554-143-17		
			48- 16318A46	3	13 3/4	21	R	Vengeance				1531-140-21	1551-148-20	1553-141-19		
			48- 16319A46	3	13 3/4	21	L	Vengeance				1532-140-21	1552-148-20	1554-141-19		
			48- 16320A46	3	13 1/2	23	R	Vengeance				1531-140-23	1551-143-22	1553-140-21		
			48- 16321A46	3	13 1/2	23	L	Vengeance				1532-140-23	1552-143-22	1554-140-21		
			48- 16322A46	3	13 3/8	25	R	Vengeance				1531-140-25	1551-140-24	1553-140-23		
			48- 16544A46	3	14	19	R	Laser II					1551-148-19	1553-143-17		
			48- 16543A46	3	14	19	L	Laser II					1552-148-19	1554-143-17		
			48- 16546A46	3	13 7/8	21	R	Laser II					1551-145-21	1553-141-19		
			48- 16545A46	3	13 7/8	21	L	Laser II					1552-145-21	1554-141-19		
			48- 16548A46	3	13 3/4	23	R	Laser II					1551-143-22	1553-140-21		
			48- 16547A46	3	13 3/4	23	L	Laser II					1552-143-22	1554-140-21		
			48- 16550A46	3	13 3/4	25	R	Laser II					1551-140-24	1553-140-23		
			48- 16549A46	3	13 3/4	25	L	Laser II					1552-140-24	1554-140-23		
			48- 826072A46	3	16	13	R	Mirage Plus	1511-160-13			1531-156-13				
			48- 19838A46	3	15 3/4	15	R	Mirage Plus	1511-158-15					1553-145-15	1571-158-15	
			48- 19841A46	3	15 3/4	15	L	Mirage Plus	1512-158-15					1554-145-15	1572-158-15	
			48- 18278A46	3	15 1/2	17	R	Mirage Plus	1511-155-17					1553-143-17	1571-155-17	
			48- 90159A46	3	15 1/2	17	L	Mirage Plus	1512-155-17					1554-143-17	1572-155-17	
			48- 13700A46	3	15 1/4	19	R	Mirage Plus	1511-153-19					1553-141-19	1571-153-19	
			48- 13701A46	3	15 1/4	19	L	Mirage Plus	1512-153-19					1554-141-19	1572-153-19	
			48- 13702A46	3	14 3/4	21	R	Mirage Plus	1511-153-21					1553-140-21	1571-150-21	
			48- 13703A46	3	14 3/4	21	L	Mirage Plus	1512-153-21					1554-140-21	1572-150-21	
			48- 13704A46	3	14 5/8	23	R	Mirage Plus	1511-153-23					1553-140-23	1571-148-23	
			48- 13705A46	3	14 5/8	23	L	Mirage Plus						1554-140-23	1572-148-23	
			48- 13706A46	3	14 1/2	25	R	Mirage Plus						1553-140-25	1571-145-25	
		48- 13707A46	3	14 1/2	25	L	Mirage Plus						1554-140-25	1572-145-25		
	135	48- 825898A46	4	14 1/2	17	R	Offshore					1553-143-17				
	150	48- 825899A46	4	14 1/2	17	L	Offshore					1554-143-17				
	175	48- 825900A46	4	14	19	R	Offshore					1553-141-19				
	200	48- 825901A46	4	14	19	L	Offshore					1554-141-19				
	225	48- 825902A46	4	14	21	R	Offshore					1553-140-21				
	Alpha One	48- 825903A46	4	14	21	L	Offshore					1554-140-21				
	Bravo One	48- 825906A46	4	14	23	R	Offshore					1553-140-23				
		48- 825907A46	4	14	23	L	Offshore					1554-140-23				

To choose a suitable prop pitch compared to the O/E part number, we suggest you consult with your local dealer for further details.

Mercury, Mariner Outboard, Mercruiser Stern Drive

Mercury Propeller		SOLAS Match		SOLAS Match											
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Nearest Solas Match (Stainless Steel)					
								Amita 3	Amita 4	Saturn	New Saturn	Titan	HR Titan 3	HR Titan 4	
F	Bravo Two	48-18610A40	3	19 1/4	15	R	Alum	1611-193-15				1641-193-15			
	4.3L, LH, EFI	48-18611A40	3	19 1/4	15	L	Alum	1612-193-15				1642-193-15			
	5.0L, EFI	48-18612A40	3	18 3/4	17	R	Alum	1611-188-17				1641-188-17			
	5.7L, EFI	48-18613A40	3	18 3/4	17	L	Alum	1612-188-17				1642-188-17			
	350 Mag MPI	48-18614A40	3	18 1/4	19	R	Alum	1611-183-19				1641-183-19			
	454 Mag MPI	48-18615A40	3	18 1/4	19	L	Alum	1612-183-19				1642-183-19			
	502 Mag MPI	48-18616A40	3	17 3/4	21	R	Alum	1611-178-21				1641-178-21			
	D2.8L D- Tronic	48-18617A40	3	17 3/4	21	L	Alum	1612-178-21				1642-178-21			
	D3.6L	48-18618A40	3	17 1/2	23	R	Alum					1641-175-23			
	D4.2L, D- Troinc	48-18619A40	3	17 1/2	23	L	Alum					1642-175-23			
	D7.3L D- Tronic	48-18620A40	3	17 1/4	25	R	Alum					1641-173-25			
	7.4L MPI	48-18621A40	3	17 1/4	25	L	Alum					1642-173-25			
		48-18610A6	3	19 1/4	15	R	SS	1611-193-15					1641-193-15		
		48-18611A6	3	19 1/4	15	L	SS	1612-193-15					1642-193-15		
		48-18612A6	3	18 3/4	17	R	SS	1611-188-17					1641-188-17		
		48-18613A6	3	18 3/4	17	L	SS	1612-188-17					1642-188-17		
		48-18614A6	3	18 1/4	19	R	SS	1611-183-19					1641-183-19		
		48-18615A6	3	18 1/4	19	L	SS	1612-183-19					1642-183-19		
		48-18616A6	3	17 3/4	21	R	SS	1611-178-21					1641-178-21		
		48-18617A6	3	17 3/4	21	L	SS	1612-178-21					1642-178-21		
		48-18618A6	3	17 1/2	23	R	SS						1641-175-23		
		48-18619A6	3	17 1/2	23	L	SS						1642-175-23		
		48-18620A6	3	17 1/4	25	R	SS						1641-173-25		
		48-18621A6	3	17 1/4	25	L	SS						1642-173-25		

To choose a suitable prop pitch compared to the O/E part number, we suggest you consult with your local dealer for further details.

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NOTE : AAAA-BBB-CC Recommended SOLAS Propeller

AAAA-BBB-CC Other Applicable SOLAS Propeller

ALWAYS CHECK YOUR OWNERS MANUAL FOR ACCURATE ENGINE RPM RANGES.

Mercury RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
4	1973-1975	4500-5500	2
6	1994-2003	4000-5000	2
8	1994-2005	4500-5500	2
8 4-Stroke	1995-2004	4500-5500	2
8 4-Stroke	2005~	5000-6000	2.08
9.9	1993-2005	5000-6000	2
9.9 4-Stroke	1995-2004	4500-5500	2.01
9.9 4-Stroke	2005~	5000-6000	2.08
9.9 Bigfoot	2006~	5000-6000	2.42
15	1994-2005	5000-6000	2
15 4-Stroke	1989-2006	4500-5500	2
15 4-Stroke	2007~	5000-6000	2.15
20	1986-2005	4500-5500	2.25
20 4-Stroke	2009-2013	5250-6250	2.15
20 4-Stroke	2014~	5400-6100	2.15
25	1985-2005	5000-6000	2.25
25 4-Stroke	2004-2005	5500-6000	2.42
25 4-Stroke	2006~	5000-6000	1.92
25 Bigfoot	1999-2001	5500-6000	2.4
25 Bigfoot	2002-2003	5250-5750	2.4
30	1994-2002	4500-5500	2.25
30 4-Stroke	1999-2005	5500-6000	2
30 4-Stroke	2006~	5250-6250	1.92
40	2001-2002	4500-5500	2
40	2004-2005	5000-5500	1.83
40 4-Stroke	1997~	5500-6000	2
40 EFI Bigfoot	2004~	5500-6000	2.33
40 EFI CT	2014~	5500-6000	2.33
50	1991~	5000-5500	1.83
50 4-Stroke	1998~	5500-6000	1.83
50 Bigfoot	~	5500-6000	2.33
50 EFI CT	2014~	5500-6000	2.33
60	1991-2005	5000-5500	1.64
60 4-Stroke	2001~	5500-6000	1.83
60 Bigfoot	2001~	5500-6000	2.33
60 EFI CT	2014~	5500-6000	2.33
75	1990-2005	4750-5250	2.3
75 4-Stroke	2004-2006	4500-5500	2.33
75 4-Stroke	2007-2014	5000-6000	2.33
75 4-Stroke	2015~	4500-5500	2.07
90	1989-2004	5000-5500	2.3
90	2005~	5000-5500	2.33
90 4-Stroke	2004~	5000-6000	2.33
90 EFI CT	2014~	5000-6000	2.38
100	1989~	4750-5250	2.3
115	1989-2005	4750-5250	2.07
115 4-Stroke	2001-2006	5000-6000	2.07
115 4-Stroke	2007-2014	5800-6400	2.07
115 4-Stroke	2015~	5000-6000	2.07
115 EFI CT	2014~	5000-6000	2.38
125	1994-2005	4750-5250	2.07
135	1990-1996	5000-5600	2
150 EFI	2004	5000-6000	1.87
150 EFI	2005	5000-5600	1.87
175	1990-1999	5000-5600	1.87
175 EFI	2000-2002	5000-5600	1.87
200	1991-2005	5000-5600	1.87
200 EFI	1994-2002	5000-5800	1.87
225	1996-1998	5000-5500	1.64
225 EFI	1996-2004	5000-5800	1.75

Mercury Optimax RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
75	2004~	5000-5750	2.33
90	2005~	5000-5750	2.33
115	2007~	5000-5700	2.07
115 PRO XS	2015~	5000-5750	2.07
125	2011~	5000-5750	2.07
135	1996-2007	5000-5600	2
135	2008~	5250-5750	2
150	2004~	5250-5750	1.87
150 PRO XS	2011~	5250-5750	1.87
175	2000-2010	5250-5750	1.87
175 PRO XS	2008~	5250-5750	1.87
200	1998~	5000-5750	1.75
200 PRO XS	2011-2012	5500-6000	1.75
200 PRO XS	2013~	5000-5750	1.75
225	1998-2012	5000-5750	1.75
225 PRO XS	2006~	5500-6000	1.75
250	2007~	5500-6000	1.75
250 PRO XS	2007~	5500-6000	1.75

Mercruiser RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
3.0 L 135	~	4400-4800	2.00 A1
4.3 L 190	~	4400-4800	1.81 A1
4.3 LH 205	~	4400-4800	1.62 A1
4.3 LEF210	~	4400-4800	1.62 A1
4.3 L MPI 220	~	4400-4800	1.62 A1
5.0 L 220	~	4400-4800	1.62 A1
5.0 L 220	~	4400-4800	1.65 B1
5.0 LEFI 240	~	4400-4800	1.47 A1
5.0 LEFI 240	~	4400-4800	1.65 B1
5.0 L MPI 260	~	4600-5000	1.62 A1
5.0 L MPI 260	~	4600-5000	1.50 B1
5.7 L250	~	4400-4800	1.47 A1
5.7 L250	~	4400-4800	1.65 B1
5.7 L EFI 260	~	4400-4800	1.47 A1
5.7 L EFI 260	~	4400-4800	1.65 B1
350 Mag MPI 300	~	4800-5200	1.47A1
350 Mag MPI 300	~	4800-5200	1.50 B1
350 Horizon 300	~	4600-5000	1.47A1
350 Horizon 300	~	4600-5000	1.50 B1
MX 6.2 L MPI 320	~	4800-5200	1.65 B1
496 Mag 375	~	4400-4800	1.5 B1
496 Mag HK 425	~	4600-5000	1.5 B1

Mercury Verado RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
135	2007-2010	5200-6400	2.08
150	2006~	5800-6400	2.08
175	2006~	5800-6400	2.08
200	2005~	5800-6400	2.08
200 PRO	2015~	5800-6400	1.85
225	2005~	5800-6400	1.85
250	2005~	5800-6400	1.85
250 PRO	2011~	5800-6400	1.85
275	2005-2010	5800-6400	1.85
300	2008~	5800-6400	1.75 / 1.85
300 PRO	2011~	5800-6400	1.75

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Where Speed Begins



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