

2021

PROPELLER CATALOG



 **SOLAS®** **RUBEX™**



Propellers for Boaters made by Boaters.



 **SOLAS[®]**
Where Speed Begins

Constant progress resulted in continuous improvements in propeller quality and performance, and despite the fiercely competitive market, SOLAS made continuous advances toward establishment of the world's finest propeller company.

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Product names may belong to Original Equipment Manufacturers. All references to Original Equipment Manufacturers, their trade names or their part numbers, are for replacement part identification only.

SOLAS was founded in 1985 by Dr. Solas Y. J. Lin. Solas is now one of the most well known and trusted names in outboard/stern drive propellers and impellers for personal watercraft vehicles. Our success is largely due to superior design and craftsmanship from team SOLAS.

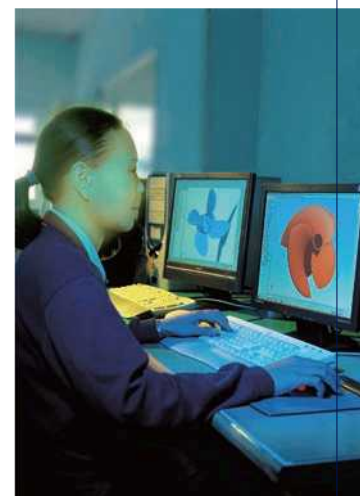
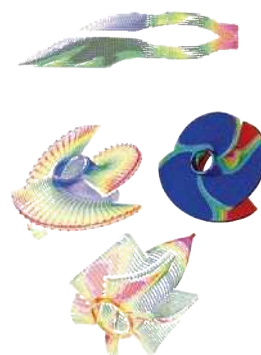
Located in Taiwan, SOLAS combines world class research and design, highly skilled workers, cost-effective material sourcing, and a technologically advanced manufacturing facility to deliver the highest quality of products to its customers.



Research and Development

SOLAS possesses an outstanding R&D team. Each member is willing to accept challenges, to break through barriers, and to strive for improvement on existing technologies. Because of our outstanding R&D team, SOLAS not only stands at the top of the world propeller industry, but also possesses a diverse R&D strategy. SOLAS frequently conducts academic and industrial cooperative development projects with Taiwan leading research institutions. In recent years, we have expanded our vision to leisure watercraft propulsion systems, and have established a new, comprehensive R&D division for that purpose.

SOLAS's R&D teams combine propeller theory, quantitative data analysis, and realistic Field testing technologies to design world class watercraft propellers. With superior CAD, CAM and CAE capabilities, SOLAS now can manufacture products that completely satisfy every customer requirement. These outstanding R&D and production technologies are the basis on which SOLAS has become the most well known brand in the industry.



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.

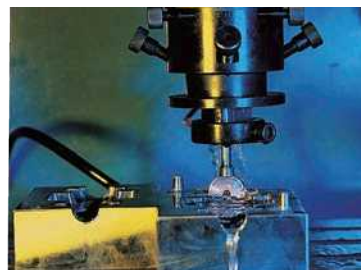
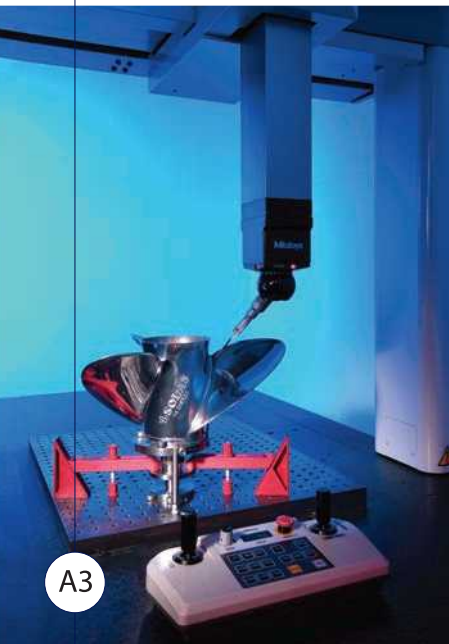


We are honored to have BSI (British Standards Institution) ISO 9001 certificate and the Symbol of Excellent Products from Taiwan Government. Total satisfaction of our customers is always our first priority.



We have always been instilling a high level of quality consciousness in all of our employees, and each employee helps ensure the quality of our products. This not only helps reduce personnel costs, but more directly improves progress and reduces inventory space through on-site raw material inspection. Inspections are carried out in the most meticulous manner, from material receiving through processing to finished product shipment. SOLAS has 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). These quality certifications serve as further evidence of our commitment to continuous quality improvements and service.



Propeller Basics :

This information is critical to determining the correct propeller for your application:

1. 3 or 4 Blades ?

A 3-blade propeller usually offers top speed performance while a 4-blade propeller provides maximum thrust and smooth cruising operation.

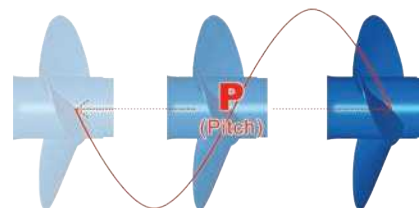
2. Diameter :

Diameter is the distance across a circle encompassing all of the propeller blades. (see Original Equipment Considerations item 2 below).



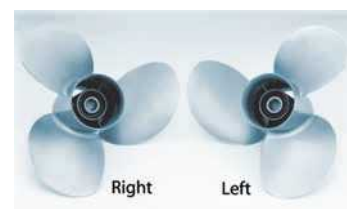
3. Pitch :

Pitch is the theoretical distance a propeller will move through the water for each revolution (i.e., a 21" pitch propeller should move a boat forward 21" for each revolution, assuming there is no slippage).



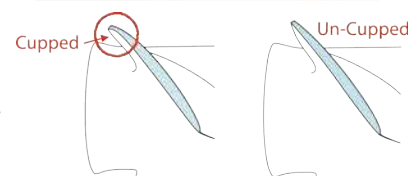
4. Right hand or Left hand Rotation?

In most cases, right hand propellers are used for single engine applications and one left hand propellers are used for twin engine applications to achieve better steering control.



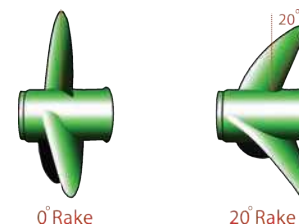
5. Cupped Blades:

This is a technique used to enhance the performance of propellers under certain conditions. A cupped propeller will exhibit very high efficiency at high speeds as well as minimize cavitation under heavy loads.



6. Rake :

Rake is a special design feature. Positive rake benefits from normal bow lift to permit the use of a larger diameter propeller, while negative rake can provide extra blade strength for use in very high speed applications.



Original Equipment Considerations :

1. Determine the year, brand, model and horsepower of your motor.
2. Calculate the diameter of the OEM propeller by measuring from the center of the shaft hole to the tip of a blade x 2
(Example: a measurement of 7 ¼ inches = a diameter of 14 ½ inches).
3. Is the type of material aluminum or stainless steel?

Performance Considerations :

1. Type of boat (cruiser, ski, runabout, bass, pontoon) ?
2. Prop on boat now (brand, model, diameter, pitch, cupping) ?
3. Engine RPM at wide open throttle (WOT) ?
4. Speed of boat over water at WOT ?
5. Normal operating altitude (motors lose 3% of power per 1000 ft.)?

SOLAS offers a variety of propeller products to satisfy a wide range of engine and hull configurations. The following chart will help you choose the correct SOLAS propeller to meet your specific boating application.

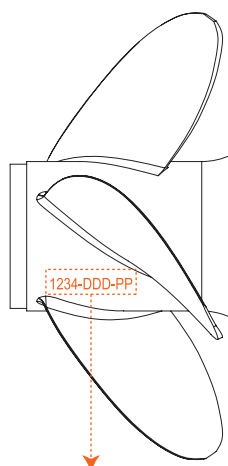
SOLAS PROPELLER	PROPELLER APPLICATION																			
	OUTBOARD										STERNDRIVE									
	Inflatable	Aluminum	Ski Boat	Bass Boat	Flats Boat	Bay Boat	Walleye Boat	Offshore Single	Offshore Dual	Sport Boat Single	Sport Boat Dual	Heavy Work Boat	Commercial	Sail Drive	Pleasure Runabout	Deck Boat	Pontoon	Ski Boat	Sport Boat Single	Sport Boat Dual
Amita3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Amita4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bravo Two	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Saturn	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
New Saturn	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Titan	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HR Titan3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HR Titan4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Scorpion	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Lexor	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Solas Ski	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Solas Plastic	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
High Thrust	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Note - Material: AL = Aluminum; SS = Stainless Steel; PL = Plastic
Note - Rotation Available : R = Right-hand Rotation ; L = Left-hand Rotation
Note - Hub Type: R = Rubber; N/A = Not Applicable

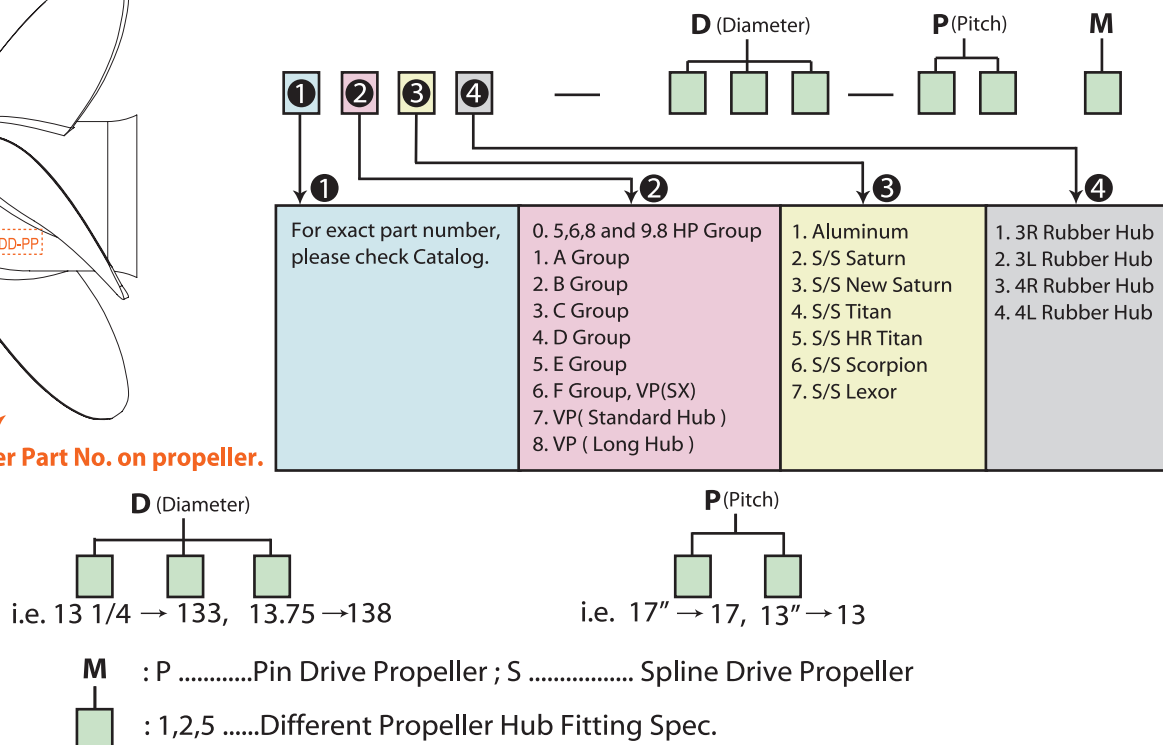
Still can't choose the right propeller for your boat ?

Please visit www.solas.com to find more information about propeller application. Or simply find and call our distributors & dealers near your location, they will be glad to help you to choose the right propeller .

SOLAS Part No. Coding System



SOLAS Propeller Part No. on propeller.

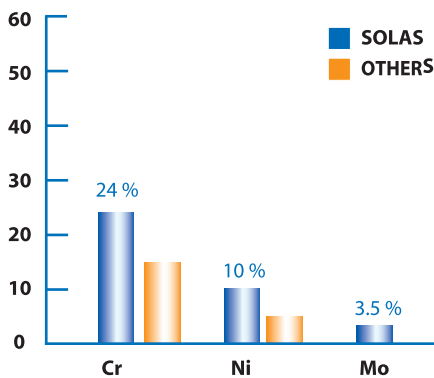


Smooth, Durable, High Precision → Overall Performance

All SOLAS propellers are developed by state of the art. Through a sequence of theoretical calculations, geometry design, prototype testing, pilot production and field tests, SOLAS propellers are designed to meet customers' various requirements.

Modern CAD, CAM and CAE technologies are used to ensure that high precision tools are used for products.

Unparalleled Durability

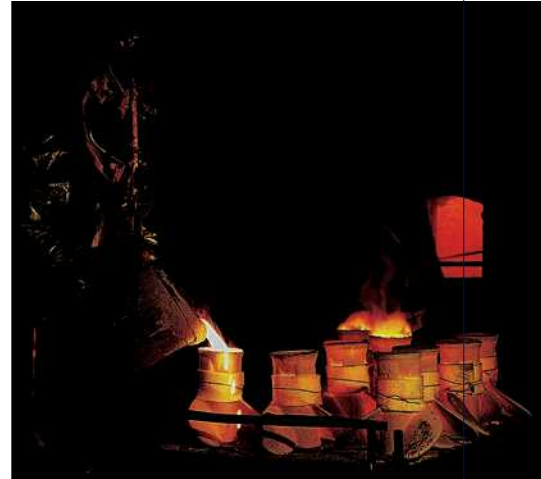


SOLAS Stainless Steel Propellers - Feature the industry's highest percentage of chromium, nickel, and molybdenum. Our material resists rust from salt water and increases the stability of the propeller blades.

SOLAS Stainless Steel propellers are made by investment casting process.

SOLAS focuses its production improvement efforts on efficient use of space, increased yield, first in first out processes and automated equipment (such as robotic dipping arms). We are constantly improving processes and striving even higher.

Performance and durability are the characteristics of the SOLAS stainless steel products.



Stainless Steel High Performance Propellers



LEXOR 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 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



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

- * Excellent acceleration and top speed
- * Cupped blade design increases bite & reduces slip
- * Highly Polished



Dual Prop for Stainless steel
3 blade front & 3 blade rear
Rubber hub

- * All-around performance
- * Outstanding acceleration and top speed
- * Must be used with a Solas stainless Front/Rear Prop

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

Reliability and Precision

SOLAS uses a state of the art squeeze casting process to make our aluminum propellers stronger and tougher than traditional die cast products.

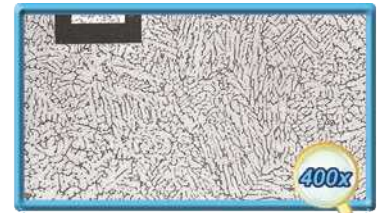
As shown below, with 400x magnification of a propeller blade root cross-section, the squeeze cast propeller is almost non-porous, with finer grain size than the die cast propeller.



Standard Die Cast



*Cutting-face
Other brand's prop*



SOLAS Squeeze Cast



**Cutting-face
SOLAS Prop**

About SOLAS Coating



*Cutting-face
Other brand's coating*



**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 4 Aluminum 4 blade
Rubber Hub

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



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



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

Dual Prop for VOLVO PENTA A,B&C Series DP280, 290



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



Aluminum / 3 blade front & 4 blade rear / Rubber hub

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

High Performance

The SOLAS Ski Propeller is designed with a revolutionary new blade geometry to handle a wide range of conditions, from family recreation to sporting and competitive events.



SOLAS Ski Propeller Part No.

B	D	P	R	Shaft D	Shaft Taper	PART NO.
3	13	13	R	1"	1/16	A001-130-13
3	13	13	L	1"	1/16	A002-130-13
3	13	13	R	1 1/8"	1/16	B001-130-13
3	13	13	L	1 1/8"	1/16	B002-130-13

Michigan Wheel - SOLAS Ski Prop Cross Reference

MWC Part No.	Blades	Diameter	Pitch	Rotation	Shaft Diameter	Solas Part No.
310659	3	13	13	LH	1 1/8"	B002-130-13
310660	3	13	13	RH	1"	A001-130-13
310661	3	13	13	LH	1"	A002-130-13

SKI PROPELLERS



Plastic Propeller (2.5 ~ 3.5HP)

SOLAS has developed a plastic series of propeller to meet the special requirements of small horsepower applications.

SOLAS uses the most advanced design and manufacturing technology to produce the best propeller for portable outboard motors.

Brand of Motor	Engine HP	BXDXP	P/N
TOHATSU	2.5~3.5	3X7 1/4X6	0001-073-06-P
MERCURY	2.5~3.5		
OMC	3.5		
HONDA	BF2 Series	3X7 1/4X6	6001-073-06-P



Rubber Hub

After many years of research and development, SOLAS has developed an advanced series of rubber bushings with a strong and durable rubber compound.

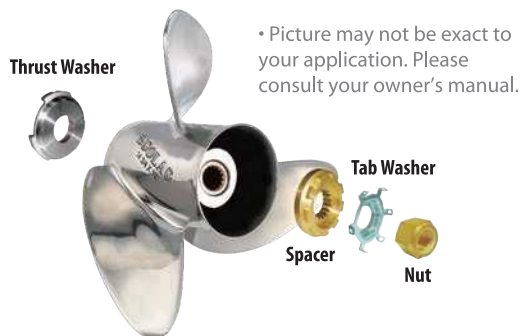
With the required equipment the rubber hubs are designed to install simply by pressing them into the hub with minimal of effort. However, they still offer excellent gripping force to keep the propeller from slipping.



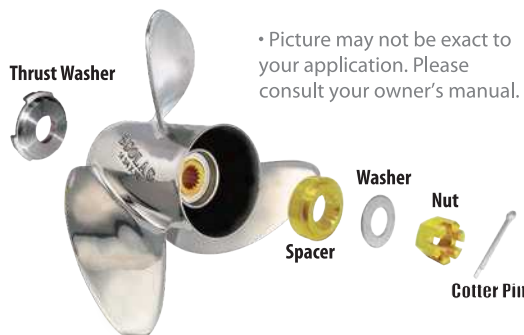
Group	Engine Brand	Part#	Parts	Fit O/E Propeller
2.5HP	Suzuki	1704003	S5-RB	NO
5~9.8HP	Yamaha	1703001	Y5-RB	NO
	Tohatsu	1705001	T5-RB	YES
	Honda	170600	H5-RB	NO
	Suzuki	1704001	S6-RB	NO
	Yamaha	170300	Y8-RB	NO
A	Tohatsu	170500	T8-RB	YES
	Mercury/Mariner(~95)25mm	170110	MA-RB	YES
	Yamaha/Honda	170310	YA-RB	YES
	BRP/OMC/Evinrude/Johnson	170210	OA-RB	YES
	Suzuki	1704101	SA-RB+	YES
B	Tohatsu/Nissan	170510	TA-RB	YES
	Mercury/Mariner	170120	MB-RB	YES
	Yamaha	170320	YB-RB	YES
	BRP/OMC/Evinrude/Johnson	170220	OB-RB	YES
	Suzuki	170420	SB-RB	YES
C	Tohatsu/Nissan/Honda(S/S Prop)	1705201	TB-RB-1	YES
	Tohatsu/Nissan/Honda(Amita)	1705202	TB-RB-2	NO
	Mercury/Mariner	170130	MC-RB	YES
	Yamaha/Honda	1703301	YC-RB	YES
	BRP/OMC/Evinrude/Johnson	170230	OC-RB	YES
	Suzuki	1703301	YC-RB	YES
	Yamaha/Honda/Tohatsu/Nissan	1703301	YC-RB	YES

SA-RB* : with spacer built on it

Group	Engine Brand	Part#	Parts	Fit O/E Propeller
D	Mercury/Mariner/Honda	170140	MD-RB	YES
	Yamaha	170340	YD-RB	YES
	BRP/OMC/Evinrude/Johnson	170240	OD-RB	YES
	Suzuki	170440	SD-RB	YES
	Tohatsu/Nissan	170340	YD-RB	YES
E	Force(~94)	170340	YD-RB	YES
	Mercury/Mariner/Honda(Amita)	170150	ME-RB-2	YES
	Mercury/Mariner/Honda(S/S)	170150	ME-RB-2	YES
	Yamaha(Amita)	170350	YE-RB-2	YES
	Yamaha(S/S)	170350	YE-RB-2	YES
F	BRP/OMC/Evinrude/Johnson(Amita)	1702502	OE-RB-2	NO
	BRP/OMC/Evinrude/Johnson(S/S)	1702501	OE-RB-1	YES
	Suzuki(Amita)	1704502	SE-RB-2	YES
	Suzuki(S/S)	1704502	SE-RB-2	YES
	Mercury Bravo Two	170160	MF-RB	YES
Volvo Penta	Aquamatic SP(Long Hub)	170710	VA-RB	NO
	SX Drive(Amita)	1707502	VE-RB-2	NO
	SX Drive(S/S)	1707501	VE-RB-1	YES
	Front Dual PROPS(S/S)	1707401	VD-RB-1	NO
	Rear Dual PROPS(S/S)	1707402	VD-RB-2	NO
	Front Dual PROPS(Aluminum)	1707404	VD-RB-4	NO
	Rear Dual PROPS(Aluminum)	1707402	VD-RB-2	NO



● MERCURY Installation :



● BRP/YAMAHA/ SUZUKI/ TOHATSU/ HONDA /VOLVO/YANMAR Installation :

Brand	Series	Thrust Washer		Spacer		Washer SST		Nut		Cotter Pin	
		Parts	Part#	Parts	Part#	Parts	Part#	Parts	Part#	Parts	Part#
MERCURY	A	MATW	8101111	MASP	8105111			MANT	8114111		
	B	MBTW	8101112			MBWS	8108112	MBNT	8114112		
	C	MCTW	8101113			MCWS	8108113	MCNT	8114113		
	D	MDTW	8101114			MEWS	8108114	MDNT	8114114		
	D-1	METW	81013150			MEWS	8108114	MDNT	8114114		
	E	METW	81013150	MESP	81051150	MEWS	8108114	MDNT	8114114		
BRAVOIII	G	MGFTW	81011171					MGFNT	81141171		
		MGRTW	81011172					MGRNT	81141172		
BRP JOHNSON ENVINRUDE	A	OATW	8101121	OASP	8105121			OANT	8114121	APIN	85100000
	B	OBTW	8101122	OBSP	8105122			OBNT	8114122	APIN	85100000
	C	OCTW	8101123	OCSP	8105123			OCNT	8114123	EPIN	85100003
	D	ODTW	8101124	OCSP	8105123			OCNT	8114123	EPIN	85100003
	E	OETW	8101125	OESP	8105125			OENT	8114125	EPIN	85100003
YAMAHA	A	YATW	8101131			YAWS	8113211	YANT	8114131	APIN	85100000
	B	YBTW	8101132	YBSP	8105132	YBWS	8104132	YBNT	8114132	APIN	85100000
	C	YCTW	8101133	YCSP	8105133	YCWS	8104133	YCNT	8114133	CPIN	85100001
	D-1	YDTW	8101134	YDSP2	81051341	YDBS	81041341	YCNT	8114133	CPIN	85100001
	D-2	YETW	8101135	YDSP	8105134	YDWS	81061140	YENT	8114135	EPIN	85100003
	E	YETW	8101135	YDSP	8105134	YDWS	81061140	YENT	8114135	EPIN	85100003
SUZUKI	A	SATW	8101141			SAWS	8104141	SANT	8114141	APIN	85100000
	B	SBTW	8101142	SBSP	8105142	YBWS	8104132	SBNT	8114142	APIN	85100000
	C	SCTW	8101143	SCSP	8105143	YDWS	81061140	YENT	8114135	EPIN	85100003
	D-1	SDTW1	81011440	SDSP	8105144	YDWS	81061140	YENT	8114135	EPIN	85100003
	D-2	SDTW2	81011441	SDSP	8105144	YDWS	81061140	YENT	8114135	EPIN	85100003
	D-3	SDTW3	81011442	SDSP	8105144	YDWS	81061140	YENT	8114135	EPIN	85100003
	E	SETW	8101145	SESP	8105145	YDWS	81061140	YENT	8114135	EPIN	85100003
TOHATSU	A	TATW	8101151			TAWS	8104151	TANT	8114151	APIN	85100000
	B	TBTW	8101152			TAWS	8104151	TANT	8114151	APIN	85100000
	C	TCTW	8101153	TCSP	8105153	YDWS	81061140	TCNT	8114153	CPIN	85100001
	D	TDTW	8101154	YDSP	8105134	YDWS	81061140	TCNT	8114153	CPIN	85100001
HONDA	A	HATW	8101161			YAWS	8113211	YANT	8114131	APIN	85100000
	B	HBTW	8101162			YBWS	8104132	YBNT	8114132	APIN	85100000
	C	HCTW	8101163	YCSP	8105133	YDWS	81061140	YCNT	8114133	CPIN	85100001
	D	HDTW	8101164			YDWS	81061140	YENT	8114135	EPIN	85100003
	E	HETW	8101165	HESP	8105165			YENT	8114135	EPIN	85100003

MERCURY

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 6-15 HP			N/A			17011501
	MATW	MASP		MANT		
B 9.9-25 HP		Installed on Prop				17012501
	MBTW		MBWS	MBNT		
C 25-70 HP		Installed on Prop				17013501
	MCTW		MCWS	MCNT		
D 40-140 HP		Installed on Prop				17014501
	MDTW		MEWS	MDNT		
D-1 40-140 HP		Installed on Prop			Refer to Page P6	17014501A
	METW		MEWS	MDNT		
E 90- HP						17015501
	METW	MESP	MEWS	MDNT		
B3 BRAVO III	Front Thrust Washer	Rear Thrust Washer	Front Nut	Rear Nut		17017501
	MGFTW	MGRTW	MGFNT	MGRNT		

* Refer to the propeller's application (A,B,C,D,E,B3) on Page (P1~P9).

BRP/ JOHNSON/EVINRUDE

	Thrust Washer	Spacer		Nut	Cotter Pin	Kits Part #
A 8-15 HP			N/A			17021501
	OATW	OASP		OANT	APIN	
B 15-35 HP			N/A			17022501
	OBTW	OBSP		OBNT	APIN	
C 40-75 HP			N/A			17023501
	OCTW	OCSP		OCNT	EPIN	
D 40-140 HP			N/A			17024501
	ODTW	OCSP		OCNT	EPIN	
E 90-300 HP			N/A			17025501
	OETW	OESP		OENT	EPIN	

* Refer to the propeller's application (A,B,C,D,E) on Page (P11~P16).

YAMAHA

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 9.9-20 HP		N/A				17031501
	YATW		YAWS	YANT	APIN	
B 20-30 HP						17032501
	YBTW	YBSP	YBWS	YBNT	APIN	
C 25-60 HP						17033501
	YCTW	YCSP	YCWS	YCNT	CPIN	
D 50-100 HP						17034501
	YDTW	YDSP2	YDBS	YCNT	CPIN	
D F75B F90B 100-130 HP						17035501
	YETW	YDSP	YDWS	YENT	EPIN	
E 150-300 HP						17035501
	YETW	YDSP	YDWS	YENT	EPIN	

* Refer to the propeller's application (A,B,C,D,E) on Page (P17~P22).

SUZUKI

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 8-20 HP		Installed on Prop				17041501A
	SATW		SAWS	SANT	APIN	
B 20-30 HP						17042501
	SBTW	SBSP	YBWS	SBNT	APIN	
C 35-65 HP						17043501
	SCTW	SCSP	YDWS	YENT	EPIN	
D+ DF90 DF115 HP						17044501
	SDTW1	SDSP	YDWS	YENT	EPIN	
D+ DF90 DF140 HP						17044502
	SDTW2	SDSP	YDWS	YENT	EPIN	
D+ DF70A DF80A DF90A DF100B						17044503
	SDTW3	SDSP	YDWS	YENT	EPIN	
E 150-300 HP						17045501
	SETW	SESP	YDWS	YENT	EPIN	

* Refer to the propeller's application (A,B,C,D,E) on Page (P23~P28).

*** NOTE for DF90 - DF140 (Kits Part # 17044501 & 17044502):**

- Model A and Counter Rotation Model Z use 17044502 (DF90A use 17044503)

*** DF50AV / DF60AV use 17044501**

TOHATSU/ NISSAN

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 9.9-20 HP		N/A				17051501
	TATW		TAWS	TANT	APIN	
B 25-30 HP		N/A				17052501
	TBTW		TAWS	TANT	APIN	
C 35-55 HP						17053501
	TCTW	TCSP	YDWS	TCNT	CPIN	
D 60-140 HP						17054501
	TDTW	YDSP	YDWS	TCNT	CPIN	

* Refer to the propeller's application (A,B,C,D,E) on Page (P29~P32).

HONDA

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 8-20 HP		N/A				17061501
	HATW		YAWS	YANT	APIN	
B 25-30 HP		N/A				17062501
	HBTW		YBWS	YBNT	APIN	
C 35-60 HP						17063501
	HCTW	YCSP	YDWS	YCNT	CPIN	
D 60-130 HP		Installed on Prop				17064501
	HDTW		YDWS	YENT	EPIN	
E 115-250 HP			N/A			17065501
	HETW	HESP		YENT	EPIN	

* Refer to the propeller's application (A,B,C,D,E) on Page (P33~P38).

RUBEXTM ALUMINUM

Interchangeable Hub Propellers



RUBEX 3

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



RUBEX 4

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



RUBEX 3 High Thrust

- * Ideal for heavy applications & pontoon boats.
- * Excellent Forward and Reverse Thrust



RUBEX 3 Plus

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Outstanding acceleration and top speed
- * Larger diameter for the Suzuki DF70-140, 15 tooth



iPOP

- * Exclusive squeeze cast process
- * High Performance Double Cupped Blades
- * Improved acceleration and top speed
- * Better holding power and fuel economy

NEW ! 6 ~ 20 Horsepower
A (Thru Hub Exhaust)
2-1/2" Gearcase

Aluminum 3 blade RUBEX 3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	9.25	7	R	9111-093-07
3	9.25	8	R	9111-093-08
3	9.25	9	R	9111-093-09
3	9.25	10	R	9111-093-10
3	9.25	11	R	9111-093-11
3	9.25	12	R	9111-093-12

NEW ! 9.9 ~ 35 Horsepower
B (Thru Hub Exhaust)
3" Gearcase

Aluminum 3 blade RUBEX 3 RBX Rubber Hub B1				
B	D	P	R	PART NO.
3	11	9	R	9211-110-09
3	10.8	10	R	9211-108-10
3	10.5	11	R	9211-105-11
3	10.3	12	R	9211-103-12
3	10.1	13	R	9211-101-13
3	10	14	R	9211-100-14
3	10	15	R	9211-100-15

Aluminum 3 blade RUBEX 3 RBX Rubber Hub B2				
B	D	P	R	PART NO.
3	9.9	9	R	9211-099-09
3	9.9	10	R	9211-099-10
3	9.9	11	R	9211-099-11
3	9.9	12	R	9211-099-12
3	9.9	13	R	9211-099-13
3	9.9	14	R	9211-099-14

Aluminum 3 blade RUBEX 3 RBX Rubber Hub B3				
B	D	P	R	PART NO.
3	11	9	R	9211-110-09SB
3	10.8	10	R	9211-108-10SB
3	10.5	11	R	9211-105-11SB
3	10.3	12	R	9211-103-12SB
3	10.1	13	R	9211-101-13SB
3	10	14	R	9211-100-14SB
3	10	15	R	9211-100-15SB

25 ~ 75 Horsepower
C (Thru Hub Exhaust)
3-1/4" Gearcase

Aluminum 3 blade RUBEX 3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	12.1	9	R	9311-121-09
3	12	10	R	9311-120-10
3	11.6	11	R	9311-116-11
3	11.4	12	R	9311-114-12
3	11.1	13	R	9311-111-13
3	11.1	14	R	9311-111-14
3	11	15	R	9311-110-15

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

Aluminum 3 blade RUBEX 3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	14	9	R	9411-140-09
3	14	11	R	9411-140-11
3	13.75	13	R	9411-138-13
3	13.5	14	R	9411-135-14
3	13.5	15	R	9411-135-15
3	13.5	16	R	9411-135-16
3	13.25	17	R	9411-133-17
3	13.25	18	R	9411-133-18
3	13.2	19	R	9411-132-19
3	13.2	21	R	9411-132-21

Aluminum 3 blade RUBEX 3 Plus RBX Rubber Hub				
B	D	P	R	PART NO.
3	13.875	17	R	9411-139-17
3	13.875	19	R	9411-139-19
3	13.875	21	R	9411-139-21
Recommended for Suzuki DF 70 ~ DF 140 (4 Stroke, 15 Tooth Spline)				

Aluminum 4 blade RUBEX 4 RBX Rubber Hub				
B	D	P	R	PART NO.
4	13.25	13	R	9413-133-13
4	13	15	R	9413-130-15
4	12.75	17	R	9413-128-17
4	12.5	19	R	9413-125-19

Aluminum 3 blade RUBEX 3 RBX Rubber Hub High Thrust				
B	D	P	R	PART NO.
3	14.1	11	R	9411-141-11

⊙ Notice:

1. Engine manufacturer recommends greasing the propeller shaft every 12 months.
2. Make sure all propeller hardware is installed correctly.



Important :



RBX Hub Kits are required for installation.

(Hub Kit Not Included)
 RBX Patent No : U.S 7,488,225

115 and up Horsepower
E (Thru Hub Exhaust)
4-3/4" Gearcase

Aluminum 3 blade RUBEX 3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	15.5	11	R	9511-155-11
3	15.3	13	R	9511-153-13
3	15	15	R	9511-150-15
3	15	15	L	9512-150-15
3	14.8	17	R	9511-148-17
3	14.8	17	L	9512-148-17
3	14.5	19	R	9511-145-19
3	14.5	19	L	9512-145-19
3	14.3	21	R	9511-143-21
3	14.3	21	L	9512-143-21
3	14.2	23	R	9511-142-23
3	14.2	23	L	9512-142-23

Aluminum 3 blade RUBEX 3 Plus RBX Rubber Hub				
B	D	P	R	PART NO.
3	16	13	R	9511-160-13
3	15.8	15	R	9511-158-15
3	15.8	15	L	9512-158-15
3	15.5	17	R	9511-155-17
3	15.5	17	L	9512-155-17
3	15.3	19	R	9511-153-19
3	15.3	19	L	9512-153-19
3	15.3	21	R	9511-153-21
3	15.3	21	L	9512-153-21
3	15.3	23	R	9511-153-23

Aluminum 3 blade RUBEX 3 Plus RBX Rubber Hub (DOUBLE CUP)				
B	D	P	R	PART NO.
3	15.5	11	R	9501-155-11DC
3	15.5	13	R	9501-155-13DC
3	15	15	R	9501-150-15DC
3	14.8	17	R	9501-148-17DC

Aluminum 3 blade iPOP RBX Rubber Hub				
B	D	P	R	PART NO.
3	14.8	18	R	9501-148-18
3	14.5	20	R	9501-145-20
3	14.3	22	R	9501-143-22

Aluminum 4 blade RUBEX 4 RBX Rubber Hub				
B	D	P	R	PART NO.
4	14.75	15	R	9513-148-15
4	14.75	15	L	9514-148-15 NEW !
4	14.5	17	R	9513-145-17
4	14.5	17	L	9514-145-17 NEW !
4	14.25	19	R	9513-143-19
4	14.25	19	L	9514-143-19 NEW !
4	14	21	R	9513-140-21
4	14	21	L	9514-140-21 NEW !

PRO SERIES

SAV

Solas Adjust Vent



PRO L3

1. More aggressive camber design & cupping
2. Longer barrel

High Precision Blade
for
High Performance



PRO L4

3. Equipped with SAV (Solas Adjustable Vent)
4. Mainly for bigger horsepower 200hp and up



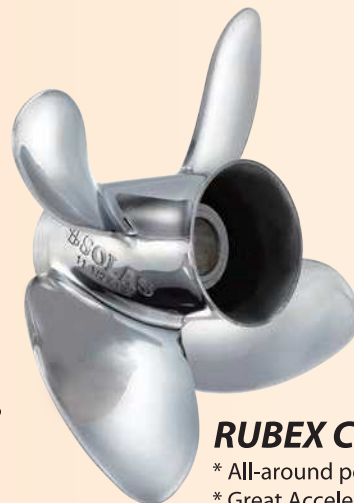
RUBEX S3

- * High performance for bass & bay boats
- * Equipped with SAV (Solas Adjustable Vent)
- * High rake design for increased bow lift
- * Extra cupping suitable for high engine mounting
- * Cut down blade reduces drag



HYDRO

- * For engines 115 HP ~ 250 HP
- * Smaller blade area
- * Great Top Speed



RUBEX C4

- * All-around performance
- * Great Acceleration and Midrange performance
- * Great stern lift & acceleration



RUBEX HR3

- * 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



RUBEX HR4

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



RUBEX L3

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



RUBEX NS3

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



RUBEX L4

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



RUBEX L3 Plus

- * Large diameter & blade area for big boats
- * Larger Diameter than L3
- * Great high speed and mid range performance
- * Excellent fuel economy for offshore boats

C 25~ 75 Horsepower (Thru Hub Exhaust) 3-1/4" Gearcase

Stainless steel 3 blade RUBEX NS3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	11 5/8	11	R	9331-116-11
3	11 3/8	12	R	9331-114-12
3	11 1/8	13	R	9331-111-13
3	11 1/8	14	R	9331-111-14
3	11	15	R	9331-110-15

Stainless steel 4 blade RUBEX C4 RBX Rubber Hub				
B	D	P	R	PART NO.
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

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

Stainless steel 3 blade RUBEX NS3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	13 3/4	13	R	9431-138-13
3	13 3/4	13	L	9432-138-13
3	13 1/2	15	R	9431-135-15
3	13 1/2	15	L	9432-135-15
3	13 1/4	17	R	9431-133-17
3	13 1/4	17	L	9432-133-17
3	13	19	R	9431-130-19
3	13	19	L	9432-130-19
3	13	21	R	9431-130-21

Stainless steel 4 blade RUBEX HR4 RBX Rubber Hub				
B	D	P	R	PART NO.
4	13 1/2	13	R	9453-135-13
4	13 1/2	13	L	9454-135-13
4	13 1/4	15	R	9453-133-15
4	13 1/4	15	L	9454-133-15
4	13 1/4	16	R	9453-133-16
4	13	17	R	9453-130-17
4	13	17	L	9454-130-17
4	13	19	R	9453-130-19
4	13	19	L	9454-130-19
4	13	21	R	9453-130-21
4	13	21	L	9454-130-21

NEW !

D+ (Thru Hub Exhaust) 4-1/4" Gearcase

Stainless steel 3 blade RUBEX HR3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	13.9	15	R	9451-139-15
3	13.9	15	L	9452-139-15
3	13.9	17	R	9451-139-17
3	13.9	17	L	9452-139-17
3	13.9	19	R	9451-139-19
3	13.9	19	L	9452-139-19
3	13.9	21	R	9451-139-21
3	13.9	21	L	9452-139-21
3	13.9	23	R	9451-139-23
3	13.9	23	L	9452-139-23
3	13.9	25	R	9451-139-25



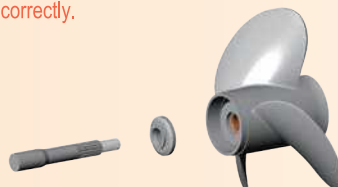
Important :

**RBX Hub Kits
are required
for installation.**

(Hub Kit Not Included)
RBX Patent No : U.S 7,488,225

⊖ Notice:

1. Engine manufacturer recommends greasing the propeller shaft every 12 months.
2. Make sure all propeller hardware is installed correctly.



E 115 and up Horsepower (Thru Hub Exhaust) 4-3/4" Gearcase

Stainless steel 3 blade

RUBEX L3 RBX Rubber Hub

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	9571-156-16
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

Stainless steel 3 blade

RUBEX L3 Plus RBX Rubber Hub

B	D	P	R	PART NO.
3	16	15	R	9571-160-15
3	16	15	L	9572-160-15
3	16	17	R	9571-160-17
3	16	17	L	9572-160-17
3	16	19	R	9571-160-19
3	16	19	L	9572-160-19
3	15 3/4	21	R	9571-158-21
3	15 3/4	21	L	9572-158-21
3	15 5/8	23	R	9571-156-23
3	15 5/8	23	L	9572-156-23

Stainless steel 3 blade

RUBEX NS3 RBX Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	9531-145-15
3	14 1/2	15	L	9532-145-15
3	14 1/4	17	R	9531-143-17
3	14 1/4	17	L	9532-143-17
3	14	19	R	9531-140-19
3	14	19	L	9532-140-19
3	14	21	R	9531-140-21
3	14	21	L	9532-140-21
3	14	23	R	9531-140-23
3	14	23	L	9532-140-23

Stainless steel 3 blade

RUBEX HR3 RBX Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	9551-150-14
3	15	14	L	9552-150-14
3	14 3/4	16	R	9551-148-16
3	14 3/4	16	L	9552-148-16
3	14 3/4	17	R	9551-148-17
3	14 3/4	17	L	9552-148-17
3	14 3/4	18	R	9551-148-18
3	14 3/4	18	L	9552-148-18
3	14 3/4	19	R	9551-148-19
3	14 3/4	19	L	9552-148-19
3	14 3/4	20	R	9551-148-20
3	14 3/4	20	L	9552-148-20
3	14 1/2	21	R	9551-145-21
3	14 1/2	21	L	9552-145-21
3	14 1/4	22	R	9551-143-22
3	14 1/4	22	L	9552-143-22
3	14	24	R	9551-140-24
3	14	24	L	9552-140-24

Stainless steel 3 blade SAV System

RUBEX S3 RBX Rubber Hub

B	D	P	R	PART NO.
3	15 1/8	21	R	9561-151-21
3	15 1/8	22	R	9561-151-22
3	15 1/8	23	R	9561-151-23
3	15 1/8	24	R	9561-151-24
3	15 1/8	25	R	9561-151-25
3	15 1/8	26	R	9561-151-26
3	15 1/8	27	R	9561-151-27
3	15 1/8	28	R	9561-151-28

Stainless steel 4 blade

RUBEX HR4 RBX Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	14	R	9553-145-14
4	14 1/2	15	R	9553-145-15
4	14 1/2	15	L	9554-145-15
4	14 1/2	16	R	9553-145-16
4	14 1/4	17	R	9553-143-17
4	14 1/4	17	L	9554-143-17
4	14 1/8	18	R	9553-141-18
4	14 1/8	18	L	9554-141-18
4	14 1/8	19	R	9553-141-19
4	14 1/8	19	L	9554-141-19
4	14	20	R	9553-140-20
4	14	20	L	9554-140-20
4	14	21	R	9553-140-21
4	14	21	L	9554-140-21
4	14	23	R	9553-140-23
4	14	23	L	9554-140-23
4	14	25	R	9553-140-25
4	14	25	L	9554-140-25

Stainless steel 3 blade

RUBEX NS3 Plus RBX Rubber Hub

B	D	P	R	PART NO.
3	15 5/8	11	R	9531-156-11
3	15 5/8	13	R	9531-156-13
3	15 5/8	13	L	9532-156-13

Stainless steel 3 blade

HYDRQ RBX Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	9581-145-15
3	14 1/2	15	L	9582-145-15
3	14 1/4	17	R	9581-143-17
3	14 1/4	17	L	9582-143-17
3	13 7/8	19	R	9581-139-19
3	13 7/8	19	L	9582-139-19
3	13 3/4	21	R	9581-138-21
3	13 3/4	21	L	9582-138-21

Stainless steel 3 blade SAV System

PRO L3 RBX Rubber Hub

B	D	P	R	PART NO.
3	15 1/4	19	R	9575-153-19
3	15 1/4	19	L	9576-153-19
3	15	21	R	9575-150-21
3	15	21	L	9576-150-21
3	14 3/4	23	R	9575-148-23
3	14 3/4	23	L	9576-148-23
3	14 1/2	25	R	9575-145-25
3	14 1/2	25	L	9576-145-25

Stainless steel 4 blade SAV System

PRO L4 RBX Rubber Hub

B	D	P	R	PART NO.
4	15	18	R	9577-150-18
4	15	18	L	9578-150-18
4	15	20	R	9577-150-20
4	15	20	L	9578-150-20
4	15	22	R	9577-150-22
4	15	22	L	9578-150-22
4	15	24	R	9577-150-24
4	15	24	L	9578-150-24
4	15	26	R	9577-150-26
4	15	26	L	9578-150-26
4	15	28	R	9577-150-28
4	15	28	L	9578-150-28

Stainless steel 4 blade

RUBEX L4 RBX Rubber Hub

B	D	P	R	PART NO.
4	15 1/4	18	R	9573-153-18
4	15 1/4	18	L	9574-153-18
4	15 1/4	20	R	9573-153-20
4	15 1/4	20	L	9574-153-20
4	15 1/4	22	R	9573-153-22
4	15 1/4	22	L	9574-153-22
4	15 1/4	24	R	9573-153-24
4	15 1/4	24	L	9574-153-24
4	15 1/4	26	R	9573-153-26
4	15 1/4	26	L	9574-153-26
4	15 1/4	28	R	9573-153-28

HYDRQ * For engines 115 HP ~ 250 HP
* Smaller blade area * Great Top Speed

PRO L3 PRO L4 200 and up Horsepower
4-3/4" Gearcase
SAV System : SOLAS Adjustable Vent



RBX Patent No : U.S 7,488,225

Hub Kits for RUBEX

• RUBEX HUB KIT APPLICATION CHART •

RUBEX HUB KIT APPLICATION CHART	ALUMINUM HUB		BRONZE HUB		Prop Category
<i>Mercury / Mariner / Mercruiser</i>	Hub Kit #	Hub #	Hub Kit #	Hub #	
6,8,9.9 HP (2-Stroke) 86 & Newer, 10 HP 95 & Newer, 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; 2-1/2" Gearcase (8 Tooth Spline)	RBX-A10	N/A	N/A	N/A	A
9.9 HP Bigfoot 4 Stroke 2005 & Newer, 15, 20 HP 4 Stroke 2007 & Newer, Japan Origin (Tohatsu) 2-1/2" Gearcase (14 Tooth Spline)	RBX-A50	N/A	N/A	N/A	A
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 & Newer, 25 HP (Mariner 2-Stroke) 85 & Newer, 25 HP (2-Stroke Mercury) 80-05, 25 HP (Sea Pro/Marathon) All Years, (FORCE) 25 HP 3Cyl 95-98; (10 Tooth Spline) 3" Gearcase	RBX-B10	N/A	N/A	N/A	B1
25 HP 80-84, 28 HP 76-79, 30 HP 79-90; (10 Tooth Spline) (Japan Origin Yamaha) 3" Gearcase	RBX-B30	N/A	N/A	N/A	B2
25 HP 4-Stroke (Not Bigfoot) 06 & Newer, 30 HP 4-Stroke (Not Bigfoot) 06 & Newer; (Japan Origin Tohatsu) (10 Tooth Spline) 3" Gearcase	RBX-B50	N/A	N/A	N/A	B2
25 HP Bigfoot 1999-05,30 HP Bigfoot 2010 and Newer,30HP (2 & 4-Stroke)1994-05, 30 HP (Sea Pro/Marathon) 1994 & Newer, 35 HP 1984-89, 402 & 500 Models 1974-84,40 - 50 HP (2 & 4-Stroke,Not Bigfoot)1997 & Newer, 45 HP 1986-1989,48 HP (Mariner) All Years,55 HP (Sea Pro/Marathon) 1995 & Newer, 60 HP (Mariner) 1976, 60 HP (2 & 4-Stroke, Not Bigfoot or Sea Pro/Marathon) 1978 & Newer, 65 HP(Includes Model 650) 1972-1976, 70 HP(Includes Model 700) thru 1983, 80 HP (Mariner) 1977: 13 Tooth spline 3-1/4" Gearcase	RBX-114	17013300	N/A	N/A	C
40-60 HP Bigfoot, 40-140 HP (except 135 HP) V4 Gearcase 1978 & Newer; 15 tooth spline 4-1/4" Gearcase	RBX-102	17015300	RBX-102B	17015304	D
90HP, 115HP (Command Thrust) 2014 & Newer, 135 HP 1987 & Newer, 150-300 HP 1978 & Newer; 15 tooth spline 4-3/4" Gearcase	RBX-102	17015300	RBX-102B	17015304	E
Mercruiser Alpha One & Bravo One (less than 400HP); 15 tooth spline	RBX-102	17015300	RBX-102B	17015304	E
Models with 1 1/4" propshaft; 19 tooth spline (Rubber & SS Hub)	RBX-123	17016300	N/A	N/A	E+
225 EFI (4-Stroke) manufactured by Yamaha ; 15 tooth spline 4-3/4"Gearcase	RBX-124	17015300	RBX-124B	17015304	E

<i>Nissan / Tohatsu</i>	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
9.9 HP(2-Stroke) 1984 & Newer, 15 HP(2-Stroke) 1985 & Newer, 18 HP (2-Stroke) 1985 & Newer, 20 HP (4-Stroke) 2007 & Newer, 9.9 HP (4-Stroke) 00-03, 15 HP (4-Stroke) 2000 & Newer, 18 HP (4-Stroke) 01-08, 12 HP 85-88, MFS 9.9,15,18,20 (4-Stroke); MSFMFS 9.9,15,18,20; 2-1/2" Gearcase (14 Tooth Spline)	RBX-A50	N/A	N/A	N/A	A
MFS 25,30 (4-Stroke), NSF 25,30 (4-Stroke), 25 HP 86-01, 25 HP (4-Stroke) 02 & Newer, 30 HP 85-01, 30 HP (4-Stroke) 02 & Newer, 30HP TLDI 2016 & Newer; (10 Tooth Spline) 3" Gearcase	RBX-B50	N/A	N/A	N/A	B2
35 HP (35B only) Thru 1984, 40 HP 1984 & Newer, 50 HP (All except 50C) 1992 & Newer; 13 tooth spline 3-1/4" Gearcase	RBX-116	17013300	N/A	N/A	C
50 HP (50C only) 1987-91, 55 HP 1981-88, 60A 1986-99, 70A & 70B 1981-95; 13 tooth spline 3-1/4" Gearcase	RBX-112	17013300	N/A	N/A	C
60-140 HP (except 60A, 70A, & 70B) 1987 & Newer; 15 tooth spline 4-1/4" Gearcase	RBX-109	17015300	RBX-109B	17015304	D

Volvo	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
SX Sterndrives 1994 & Newer; 19 tooth spline 4-3/4" Gearcase	RBX-105	17075300	RBX-105B	17075301	E



RBX Box

RUBEX HUB KIT APPLICATION CHART		ALUMINUM HUB		BRONZE HUB		
Evinrude / Johnson / BRP		Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
8 HP (4-Stroke) 1996-2005; 9.9, 15 HP (2-Stroke) 1974-2005; 9.9, 15 HP (4-Stroke) 1995-2001, 12HP 2012 & Newer; 2-1/2" Gearcase (13 Tooth Spline)		RBX-A20	N/A	N/A	N/A	A
9.9 - 15 HP (4-Stroke) Johnson 02-07 JAPAN ORIGIN SUZUKI 2-1/2" Gearcase (10 Tooth Spline)		RBX-A40	N/A	N/A	N/A	A
15 HP E-TEC H.O. 2011 & Newer, 20 HP 2 Cyl 84-97, 25 HP (Commercial) 93-05, 25 HP 2 & 3 Cyl 84 & Newer, 25 HP E-TEC 2009 & Newer, 30 HP 2 Cyl 84 & Newer, 30 HP E-TEC 2009 & Newer, 35 HP 2 Cyl 79-83, 35 HP 3 Cyl 97-01; (14 Tooth Spline) 3" Gearcase		RBX-B20	N/A	N/A	N/A	B1
Johnson 25-30 HP (4-Stroke) 04-07; JAPAN ORIGIN SUZUKI (10 Tooth Spline) 3" Gearcase		RBX-B40	N/A	N/A	N/A	B3
40 & 50 HP (4-Stroke) 1999-05; 13 tooth spline 3-1/4" Gearcase		RBX-115	17013300	N/A	N/A	C
40-75 HP (Small Gearcase) 1975-2005; 13 tooth spline 3-3/8" Gearcase		RBX-111	17023300	N/A	N/A	C
40-75 HP (Large Gearcase) 1968 & Newer, 85-140 HP 1969 & Newer; 13 tooth spline 4-1/4" Gearcase		RBX-106	17024300	RBX-106B	17024301	D
60 & 70 HP (4-Stroke) 1998 & Newer; 13 tooth spline 4-1/4" Gearcase		RBX-110	17024300	RBX-110B	17024301	D
90 & 115 HP (4-Stroke) 2002-07; 15 tooth spline 4-1/4" Gearcase		RBX-125	17015300	RBX-125B	17015304	D
140 HP (4-Stroke) 2002-07; 15 tooth spline 4-1/4" Gearcase		RBX-126	17015300	RBX-126B	17015304	D
90-300 HP 1991 & Newer; 15 tooth spline 4-3/4" Gearcase		RBX-100	17025300	RBX-100B	17025302	E
90-300 HP 1976-90; 15 tooth spline 4-3/4" Gearcase		RBX-101	17025300	RBX-101B	17025302	E
200 & 225 HP (4-Stroke) 2004-2005; 15 tooth spline 4-3/4" Gearcase		RBX-104	17015300	RBX-104B	17015304	E
150-300 HP G2 Engine 2014 & Newer; 15 tooth spline 4-3/4" Gearcase		RBX-151	17025301	RBX-151B	17025303	E

Honda		Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
BF 8 HP 00 & Newer, BF 15 HP 91 & Newer, BF 9.9 HP 88 & Newer, BF 20 HP 03 & Newer; 2-1/2" Gearcase (8 Tooth Spline)		RBX-A30	N/A	N/A	N/A	A
BF 25 HP 94 & Newer, BF 30 HP 95 & Newer; (10 Tooth Spline) 3" Gearcase		RBX-B50	N/A	N/A	N/A	B2
BF 35 & BF 45 1991-94, BF 40, 50, & 50A 1995 & Newer, BF 60 2010 & Newer; 13 Tooth Spline 3-1/4" Gearcase		RBX-113	17013300	N/A	N/A	C
BFP 60 2010 & Newer, BF 75 & BF 90 1999 & Newer, BF80 & BF100 2013 & Newer. BF 115 1998-10, BF 130 1998-04; 15 Tooth Spline 4-1/4" Gearcase		RBX-107	17015300	RBX-107B	17015304	D
BF 75-90 1995-98; 15 tooth spline 4-1/4" Gearcase		RBX-102	17015300	RBX-102B	17015304	D
BF 115D 2011 & Newer, BF 135-250 2002 & Newer; 15 Tooth Spline 4-3/4" Gearcase		RBX-107	17015300	RBX-107B	17015304	E

Force		Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
40 & 50 HP 1995-98, 70 HP 1991-95, 75 HP 1996-98; 13 tooth spline 3-1/4" Gearcase		RBX-114	17013300	N/A	N/A	C
75-150 HP (Thru Hub Exhaust) 1995-99, 85-150 HP (Dual Exhaust) 1988-94; 15 Tooth Spline 4-3/4" Gearcase		RBX-102	17015300	RBX-102B	17015304	D

OMC / Cobra Sterndrives		Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
Model 400 Cobra 1978-91; 13 tooth spline 4-1/4" Gearcase		RBX-106	17024300	RBX-106B	17024301	D
Model 800/Cobra/King Cobra 1978-90; 15 tooth spline 4-3/4" Gearcase		RBX-101	17025300	RBX-101B	17025302	E
Model 800/Cobra/King Cobra 1991-94; 15 tooth spline 4-3/4" Gearcase		RBX-100	17025300	RBX-100B	17025302	E
Cobra SX 1994 & Newer; 19 tooth spline 4-3/4" Gearcase		RBX-105	17075300	RBX-105B	17075301	E



RBX Box

RUBEX HUB KIT APPLICATION CHART		ALUMINUM HUB		BRONZE HUB	
<i>Yamaha</i>	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
T8, T9.9 All, F9.9 (4-Stroke) 00-07, F15 (4 Stroke) 98 & Newer, F20(4-Stroke) 07 & Newer, 9.9 HP (2-Stroke) 84-09, 15 HP (2-Stroke) 84-09, F15 C 07 & Newer, 2-1/2" Gearcase (8 Tooth Spline)	RBX-A30	N/A	N/A	N/A	A
20 HP 96-97, F25 (4 Stroke) 98-06; 10 & Newer, 25 HP 80 & Newer, 30 HP 1979-2002 (10 Tooth Spline) 3" Gearcase	RBX-B30	N/A	N/A	N/A	B2
T25 HP 2010 & Newer, F30 (4-Stroke) 2001-05, F40 (4-Stroke) 1999 & Newer, F50 (4-Stroke) 1995 & Newer, F60 (4-Stroke) 1999 & Newer, 40 HP & 50 HP (not T50) 1984 & Newer, 48 HP 1995-00, 55 HP 1976-95, 60 HP 1976-91 (not T60); 13 tooth spline 3-1/2" Gearcase	RBX-117	17013300	N/A	N/A	C
T50 1996 & Newer, T60 2003 & Newer, 60 HP (not F60) 1992-05, 70-100 HP (not F75B, F90B & F100B) 1984 & Newer; 15 tooth spline 4-1/4" Gearcase	RBX-208	17015302	RBX-208B	17015301	D
80-140 HP 1977-83; 15 tooth spline 4-1/4" Gearcase	RBX-102	17015300	RBX-102B	17015304	D
F75B & F90B & F100B / 115 HP & 130 HP 1984 & Newer, F115 (4-Stroke) 2000 & Newer; 15 tooth spline 4-1/4" Gearcase	RBX-203	17015302	RBX-203B	17015301	D
150-175 HP 1978-83; 15 tooth spline 4-3/4" Gearcase	RBX-102	17015300	RBX-102B	17015304	E
150-225 HP 1984 & Newer, 15 tooth spline	RBX-203	17015302	RBX-203B	17015301	E
250 HP 1984 & Newer, 15 tooth spline; 300 HP (4 Stroke V6 Engine) 2004-2007 & 2010 & Newer; Sterndrives 1989-1993, 15 tooth spline	N/A	N/A	RBX-203B	17015301	E
200 – 250 HP VMAX SHO V6	N/A	N/A	RBX-203X	17015301	E
300 HP (4-stroke V8 Engine), 350 HP (4-stroke V8 Engine); 17 tooth spline 5-1/4" Gearcase (Rubber & Bronze Hub)	N/A	N/A	RBX-127	17039300	E+

<i>Suzuki</i>	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
DF 8A (4-Stroke) 2011 & Newer, DF 9.9A/DF9.9B (4-Stroke) 2010 & Newer, DF 15 (4-Stroke) 96-2012, DT 9.9 83-87, DT 15 83-88, 9.9C and 9.9CN not applicable, DF 9.9 (4 Stroke) 96 & Newer, DT 15C 89-97, DF 15A; DF20A 2013 & Newer 2-1/2" Gearcase (10 Tooth Spline)	RBX-A40	N/A	N/A	N/A	A
DT 20 83-88, DF 25A 2014 & Newer, DT 25 & 25C 83-00, DF 25 (Includes V-Twin) 2000 & Newer, DF 25R 2010 & Newer, DT 30 & 30C 83-97, DF 30 00-07, DF 30A 2014 & Newer; (10 Tooth Spline) 3" Gearcase	RBX-B40	N/A	N/A	N/A	B3
DT 35C 1987-89, DT 40 1983-98, DF 40 & DF 50 (4-Stroke) 1999-10, DF 40A & DF 50A (4-Stroke) 2011 & Newer, DT 50 & 50M 1983-84, DT 55 1985-97, DT 60 1983-84, DF 60A (4-Stroke) 2010 & Newer, DT 65 1985-97; 13 tooth spline 3-1/4" Gearcase	RBX-115	17013300	N/A	N/A	C
DF 60 (4-Stroke) 1998-09, DF 70 (4-Stroke) 1998-08, DT 75-140 HP 1979-01; 13 tooth spline 4-1/4" Gearcase	RBX-110	17024300	RBX-110B	17024301	D
DF 70A & DF 80A & DF 90A (4-Stroke) 2009 & Newer; 15 tooth spline 4-1/4" Gearcase	RBX-150	17015300	RBX-150B	17015304	D
DF 90 2001-08, DF 100 2009 & Newer, DF 115 2001-12, (All 4-Stroke); 15 tooth spline 4-1/4" Gearcase	RBX-125	17015300	RBX-125B	17015304	D
DF 115A & 140A 2013 & Newer, DF 140 2002-12, (All 4-Stroke); 15 tooth spline 4-1/4" Gearcase	RBX-126	17015300	RBX-126B	17015304	D
DT 150-225 HP (2-Stroke) 1986 & Newer, DF 150-300 HP (4-Stroke); 15 tooth spline 4-3/4" Gearcase	RBX-104	17015300	RBX-104B	17015304	E

You need a Hub Kit and a Prop for complete installation :

1. Locate Horsepower/Model and Year.
2. Read across to reference RUBEX™ Hub Kit/Propeller series.
3. Select propeller diameter & pitch from corresponding propeller series.

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Vortex is a registered trademark of Michigan Wheel Corporation.

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HOW TO CHOOSE A **RUBEX™** HUB

BRONZE	OR ALUMINUM
	
Suggested for : > High Horsepower (115 & Up) > Extreme Use > Saltwater / Freshwater Use > Stainless Steel Propellers	Suggested for : > Low to High Horsepower > Regular Use > Freshwater & Occasional Saltwater Use > Aluminum & Stainless Steel Propellers

The "B" found at the end of the RUBEX hub kit number denotes that the hub has a bronze core. RUBEX hub kits with a "B" will fit the same applications as its none "B" counterpart.



www.rubexprops.com

A 6~15 Horsepower / 2-1/2" Gearcase (8Tooth SPLINE & THRU HUB EXHAUST)

6, 8, 9.9 HP (2-Stroke) 86 ~
8, 9.9 HP (4-Stroke Not Big Foot) 02 ~ 04

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

15 HP (2 & 4-Stroke) ... 89 ~ 06
(FORCE) 9.9 & 15 HP ... 96 ~ 98

SATURN Stainless steel 3 blade
PROP Rubber Hub (8 Tooth Spline)

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



SATURN
General Purpose Propeller

1121-093-09

Prop hardware for pressed in hub propeller.

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
	MATW	MASP		MANT
A			N/A	

KITS part # : 17011501

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

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

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

SATURN Stainless steel 3 blade
PROP Rubber Hub

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



5121- 093- 09

Prop hardware for pressed in hub propeller.

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TANT	Apin(1 1/8")
A					

* Required hardware to install propeller that SOLAS makes in hub A series propeller.



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

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



0001- 073- 06- P

5 4 ~ 6 Horsepower (12 Tooth Spline & Thru Hub Exhaust)

4hp 4 Stroke 1999 ~ 4hp 2 Stroke 1987 ~
5hp 2 Stroke 1987 ~ 6hp 4 Stroke 1999 ~

AMITA 3 Aluminum 3 blade Rubber Hub

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



5011-078-09

8 8 ~ 9.9 Horsepower / 2-1/2" Gearcase (12 Tooth Spline & Thru Hub Exhaust)

Mercury 8,9.9HP 4-Stroke (Non Bigfoot) 2005~Newer

AMITA 3 Aluminum 3 blade Rubber Hub

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 Aluminum 4 blade Rubber Hub

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

8HP (Pin Drive)

8HP 1976-84 Mariner

B	D	P	R	PART NO.
3	8.25	7	R	2011-083-08P



2011-083-08P



Pin Drive

Rubber Hub: PO6-RB P/N: 1798001

A 6~15 Horsepower / 2-1/2" Gearcase (8Tooth SPLINE & THRU HUB EXHAUST)

6, 8, 9.9 HP (2-Stroke) 86 ~
8, 9.9 HP (4-Stroke Not Big Foot) 02 ~ 04

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

15 HP (2 & 4-Stroke) ... 89 ~ 06
(FORCE) 9.9 & 15 HP 96 ~ 98

AMITA 3 Aluminum 3 blade Rubber Hub

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 Aluminum 4 blade Rubber Hub

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 Aluminum 4 blade Rubber Hub

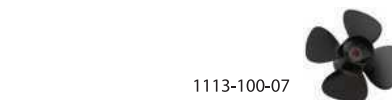
B	D	P	R	PART NO.
4	10	5	R	1113- 100- 05
4	10	7	R	1113- 100- 07

High Thrust Propeller

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



1111-093-10



1113-100-07

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
	MATW	MASP	N/A	MANT
A			N/A	

KITS part # : 17011501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

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

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

AMITA 3 Aluminum 3 blade Rubber Hub

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 Aluminum 4 blade Rubber Hub

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 Aluminum 4 blade Rubber Hub

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

Prop hardware for pressed in hub propeller.

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Coller Pin (4/pack)
	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TANT	Apin(1 1/8")
A					

B 9.9~25 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

9.9&15HP (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

NEW SATURN PROP Stainless steel 3 blade
Rubber Hub

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 TITAN4 PROP Stainless steel 4 blade
Rubber Hub

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



Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
MBTW	Installed on Prop	MBWS	MBNT

KITS part #: 17012501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

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

NEW SATURN PROP Stainless steel 3 blade
Rubber Hub

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 PROP Stainless steel 4 blade
Rubber Hub

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

HR TITAN4 PROP Stainless steel 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	3253-100-10
4	10	11	R	3253-100-11
4	10	12	R	3253-100-12

Prop hardware for pressed in hub propeller.

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
Original YAMAHA Part	Original YAMAHA Part	Original YAMAHA Part	YBNT	Apin(1 1/8")

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

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

SATURN PROP Stainless steel 3 blade
Rubber Hub

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 PROP Stainless steel 4 blade
Rubber Hub

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



HR TITAN4 PROP Stainless steel 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	5253-100-10
4	10	11	R	5253-100-11
4	10	12	R	5253-100-12



Prop hardware for pressed in hub propeller.

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TANT	Apin(1 1/8")

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

B 9.9~25 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

9.9&15HP (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

AMITA 3 Aluminum 3 blade Rubber Hub

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



1211-103-12

AMITA 4 Aluminum 4 blade Rubber Hub

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



1213-100-13

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
	MBTW		MBWS	MBNT
B		Installed on Prop		

KITS part #: 17012501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

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

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
	Original YAMAHA Part	Original YAMAHA Part	Original YAMAHA Part	YBNT	Apin(1 1/8")
B					

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

15~25HP (Pin Drive) Mariner

15HP 1976-1981 : 15A HP 1979-1982
20HP 1976-1979 : 25HP 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



2111-093-11P

15~25HP (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

Rubber Hub: POA-RB2
P/N: 1798102



Spline Drive

Rubber Hub: POA-RB
P/N: 1798101



3211-099-12



3213-100-13

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

AMITA 3 Aluminum 3 blade Rubber Hub

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 Aluminum 4 blade Rubber Hub

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



5211-099-11



5013-100-13

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TANT	Apin(1 1/8")
B					

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

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

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	1321-123-09
3	11 3/4	11	R	1321-118-11
3	11 1/2	12	R	1321-115-12
3	11 1/8	13	R	1321-111-13
3	11 1/8	14	R	1321-111-14
3	11	15	R	1321-110-15

Prop hardware for pressed in hub propeller.



* Required hardware to install propeller that SOLAS makes in hub C series propeller.

C 40 Horsepower (Japan Origin Tohatsu) 13 Tooth Spline

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	5321-123-09
3	11 3/4	11	R	5321-118-11
3	11 1/2	12	R	5321-115-12
3	11 1/8	13	R	5321-111-13
3	11 1/8	14	R	5321-111-14
3	11	15	R	5321-110-15

Prop hardware for pressed in hub propeller.



* Required hardware to install propeller that SOLAS makes in hub C series propeller.

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 ~

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	1441-138-13
3	13 3/4	15	R	1441-138-15
3	13 1/4	17	R	1441-133-17
3	13 1/4	19	R	1441-133-19

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

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

Note: Propeller hardware refer to Page P6.

C 25~70 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

25 HP Bigfoot (4-Stroke) 99 ~ 05
30 HP Bigfoot (4-Stroke) 2010 ~
30 HP (2 & 4-Stroke) 94 ~ 05
30 HP (Sea Pro/Marathon) 94 ~
35 HP 84 ~ 89

402 & 500 Models 1974 ~ Newer
40 HP (2 & 4-Stroke) (Not Bigfoot) .. 77 ~
40 HP (Sea Pro/Marathon) 77 ~
45 HP..... 86 ~ 89
48 HP (Mariner) All Years

50 HP (2 & 4-Stroke) (Not Bigfoot) 77 ~
55 HP (Mercury/Sea Pro/Marathon) 95 ~
60 HP (4-Stroke) (Not Bigfoot or Sea Pro/Marathon) ... 78 ~
60 HP (2-Stroke) 78 ~
70 HP (Includes Model 700)..... ~ 83
(FORCE) 40/50 HP ... 95 ~ 98, 70 HP 91 ~ 95, 75 HP 96 ~ 98

AMITA 3 Aluminum 3 blade Rubber Hub

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	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 3 Aluminum 3 blade -C Plus Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	1311-120-10
3	11.8	11	R	1311-118-11
3	11.6	12	R	1311-116-12
3	11.6	13	R	1311-116-13
3	11.6	14	R	1311-116-14

AMITA 4 Aluminum 4 blade Rubber Hub

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



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

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 ~

AMITA 3 Aluminum 3 blade Rubber Hub

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 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	1411-132-19
3	13.2	21	R	1411-132-21

AMITA 4 Aluminum 4 blade Rubber Hub

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

*** DO NOT USE "NEW" MD PROPELLER FOR HONDA ENGINE***



* Original design is no longer manufactured.
When current inventory is depleted use new version.



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

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



E 90~ 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 ~
220 HP 87 ~ 88
225 HP 80 ~
225 HP (Sea Pro/Marathon) ... All Years
250 HP 94 ~
275 HP 90 ~ 94
300 HP 83, & 99 ~
3.4 Litre 84 ~ 86

MERCURISER STERNDRIVES
MODELS 15, 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
MERCURISER 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)

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

NEW SATURN-E Plus

Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	11	R	1531-156-11
3	15 5/8	13	R	1531-156-13
3	15 5/8	13	L	1532-156-13

HR TITAN3 PROP Stainless steel 3 blade Rubber Hub

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

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	1553-145-15
4	14 1/2	15	L	1554-145-15
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

LEXOR PROP Stainless steel 3 blade Rubber Hub

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



Scorpion PROP Stainless steel 3 blade Rubber Hub

Check the RUBEX chart
S3 Prop for SCORPION.
www.rubexprops.com



Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
METW	MESP	MEWS	MDNT
E			
KITS part # : 17015501			

Prop hardware for pressed in hub propeller.
* Required hardware to install propeller that SOLAS makes in hub E series propeller.

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

BRAVO TWO: 4.3 L ~ 7.4 L / D 2.8 L ~ D 7.3 L

TITAN PROP Stainless steel 3 blade Rubber Hub

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



* Three blade stainless steel propeller
* Improves acceleration by putting more blade area in the water. It can deliver a very powerful thrust.

E 90~ 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 ~
220 HP 87 ~ 88
225 HP 80 ~
225 HP (Sea Pro/Marathon) ... All Years
250 HP 94 ~
275 HP 90 ~ 94
300 HP 83, & 99 ~
3.4 Litre 84 ~ 86

MERCRUISER STERNDRIVES
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)

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
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

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

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
3	15.5	17	R	1511-155-17
3	15.5	17	L	1512-155-17
3	15.3	19	R	1511-153-19
3	15.3	19	L	1512-153-19
3	15.3	21	R	1511-153-21
3	15.3	21	L	1512-153-21
3	15.3	23	R	1511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

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

Thrust Washer (1/2 pack)	Spacer (1/2 pack)	Washer (2/2 pack)	Nut (1/2 pack)
METW	MESP	MEWS	MDNT

KITS part #: 17015501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.



1513-140-21

F MERCUISER (BRAVO II)

(19 Tooth Spline & Thru Hub Exhaust)

BRAVO TWO : 4.3 L ~ 7.4 L / D 2.8 L ~ D 7.3 L

AMITA 3 Aluminum 3 blade Rubber Hub

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 Corporation.



BRAVO II
Large Area Blade Design

Mercury Sport Jet Impellers

Engine cc	Model	Year	PUMP Diameter	RECOMMENDED SOLAS IMPELLER	
				SERIES	STOCK Engine
90 HP	90 Jet (Spline)	1993-1995		CONCORD	MB-SC-A
175 HP	175 XR2 Jet	1997-2000		CONCORD	MC-CD-18/27
Mercury V6 250HP 240HP 210HP 200HP (M2 Jet)	Speedster	2000-2002	184mm	CONCORD	MC-CD-22/39
	Speedster SK	2000		CONCORD	MC-CD-22/39
	Speedster 160	2004		CONCORD	MC-CD-22/39
	Challenger 1800	2000-2005		CONCORD	MC-CD-22/39
	Challenger 2000	2000-2005		CONCORD	MC-CD-22/39
	Challenger X	2004-2005		CONCORD	MC-CD-22/39
	Sportster 1800	2000		CONCORD	MC-CD-22/39
	Utopia 205	2002-2005		CONCORD	MC-CD-22/39
	Utopia 185	2001-2005		CONCORD	MC-CD-22/39
	Islandia	2001-2005		CONCORD	MC-CD-22/39

Mercury Sport Jet is a registered trademark of Mercury Marine, Inc.



**MC-CD-22/39
for
Mercury Sport jet**

"This is a highly efficient 4-blade, Stainless Steel, progressive pitch impeller delivering excellent thrust and superior overall performance for the Mercury SportJet model jet drive."

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

MERCRUISER (BRAVO III)

(19 Tooth Spline & Thru Hub Exhaust)

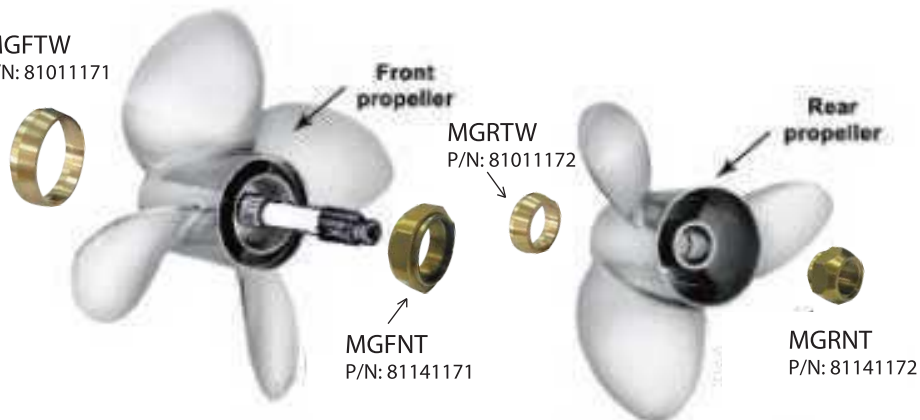
Fits all Bravo III Stern drives.

B3

Stainless steel 3/4 blade
Rubber Hub

B	D	P	R	PART NO.
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
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

MGFTW
P/N: 81011171



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

SOLAS B3 **BRAVO III Dual Props**

BRAVO III is a registered trademark of the Brunswick Corporation.



**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
- * Highly Polished

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

High Performance for Bass & Bay Boats



RUBEX S3

- * Equipped with SAV (Solas Adjustable Vent)
- * High rake design for increased bow lift
- * Extra cupping suitable for high engine mounting
- * Cut down blade reduces drag

B	D	P	R	PART NO.
3	15 1/8	21	R	9561-151-21
3	15 1/8	22	R	9561-151-22
3	15 1/8	23	R	9561-151-23
3	15 1/8	24	R	9561-151-24
3	15 1/8	25	R	9561-151-25
3	15 1/8	26	R	9561-151-26
3	15 1/8	27	R	9561-151-27
3	15 1/8	28	R	9561-151-28



SAV
Solas Adjust Vent



A 8-15 Horsepower / 2-1/2" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

8 HP (4-Stroke) 1996-2005; 9.9, 15 HP (2-Stroke) 1974-2005; 9.9, 15 HP (4-Stroke) 1995-2001

SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	2121-093-07
3	9 1/4	8	R	2121-093-08
3	9 1/4	9	R	2121-093-09
3	9 1/4	10	R	2121-093-10
3	9 1/4	11	R	2121-093-11
3	9 1/4	12	R	2121-093-12



2121-093-09

Prop hardware for pressed in hub propeller.

Thrust Washer (1/1pack)	Spacer (1/1pack)	Washer (2/2pack)	Nut (1/1pack)	Cotter Pin (4/4pack)
OATW	OASP	N/A	OANT	Apin(1 1/8")

KITS part # : 17021501

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

A Johnson 9.9-15 HP (4-Stroke) 2002-2007 Japan Origin Suzuki 2-1/2" Gearcase (10 Tooth Spine)

SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	4121-093-07A
3	9 1/4	8	R	4121-093-08A
3	9 1/4	9	R	4121-093-09A
3	9 1/4	10	R	4121-093-10A
3	9 1/4	11	R	4121-093-11A
3	9 1/4	12	R	4121-093-12A



4121-093-09

Prop hardware for pressed in hub propeller.

Thrust Washer (1/1pack)	Spacer (2/2pack)	Nut (1/1pack)	Cotter Pin (4/4pack)
SATW	SAWS	SANT	Apin(1 1/8")

KITS part # : 17041501A

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 15-35 Horsepower / 3" Gearcase (14 Tooth SPLINE & THRU HUB EXHAUST)

15 HP E-TEC H.O. 2011 ~
20 HP 2 Cyl..... 84 ~ 97
25 HP (Commercial) 93 ~ 05

25 HP 2 & 3 Cyl 84 ~
25 HP E-TEC 2009 ~
30 HP 2 Cyl 84 ~

30 HP E-TEC 2009 ~
35 HP 2 Cyl 79 ~ 83
35 HP 3 Cyl 97 ~ 01

NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	10 3/4	10	R	2231-108-10
3	10 1/2	11	R	2231-105-11
3	10 1/4	12	R	2231-103-12
3	10 1/8	13	R	2231-101-13
3	10	14	R	2231-100-14
3	10	15	R	2231-100-15



2231-101-13

HR TITAN 4 Stainless steel 4 blade
PROP Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	2253-100-10
4	10	11	R	2253-100-11
4	10	12	R	2253-100-12



2253-100-11

Thrust Washer (1/1pack)	Spacer (1/1pack)	Washer (2/2pack)	Nut (1/1pack)	Cotter Pin (4/4pack)
OBTW	OBSP	N/A	OBNT	Apin(1 1/8")

KITS part # : 17022501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

B Johnson 25-30HP (4-Stroke)04-07 Japan Origin Suzuki 3" Gearcase(10 Tooth Spline)

NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	10 3/4	10	R	4231-108-10
3	10 1/2	11	R	4231-105-11
3	10 1/4	12	R	4231-103-12
3	10 1/8	13	R	4231-101-13
3	10	14	R	4231-100-14
3	10	15	R	4231-100-15

HR TITAN 4 Stainless steel 4 blade
PROP Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	4253-100-10
4	10	11	R	4253-100-11
4	10	12	R	4253-100-12

Prop hardware for pressed in hub propeller.

Thrust Washer (1/1pack)	Spacer (1/1pack)	Washer (2/2pack)	Nut (1/1pack)	Cotter Pin (4/4pack)
Original BRP Part	Original BRP Part	Original BRP Part	SBNT	Apin(1 1/8")

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

8 4-8 HP (Pin Drive)

4 HP 1980-1983; 4.5 HP Deluxe 1986-1995; 5 HP 4-Stroke 1999-2003
6 HP 1986-2005; 6 HP 4-Stroke 98-03; 7.5 HP 1980-1983; 8 HP 1986-05

B	D	P	R	PART NO.
3	8.0	7	R	2011-080-07P
3	8.5	9	R	2011-085-09P

Rubber Hub: 6S-RB
P/N: 170200

6-15 HP (Pin Drive)

6 HP 1966-1979; 9.5 HP 1964-1973

10 HP 1958-1963; 10, 12, 14HP European Only 82-94; 8-15 HP 2000-Newer

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

Rubber Hub: PO6-RB
P/N: 1798001



2011-085-09P



2011-083-08P

3.5HP (Plastic Propeller)

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



0001-073-06-P

A 8-15 Horsepower / 2-1/2" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

8 HP (4-Stroke) 1996-2005; 12HP 2012 ~ Newer; 9.9, 15 HP (2-Stroke) 1974-2005; 9.9, 15 HP (4-Stroke) 1995-2001

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	2111-093-07
3	9.25	8	R	2111-093-08
3	9.25	9	R	2111-093-09
3	9.25	10	R	2111-093-10
3	9.25	11	R	2111-093-11
3	9.25	12	R	2111-093-12

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	2113-093-07
4	9.25	8	R	2113-093-08
4	9.25	9	R	2113-093-09
4	9.25	10	R	2113-093-10
4	9.25	11	R	2113-093-11



KITS part # : 17021501

High Thrust Propeller

Excellent forward and reverse thrust.

Ideal for kicker/auxiliary engines with heavy loads

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	2113-100-05
4	10	7	R	2113-100-07

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

A Johnson 9.9-15 HP (4-Stroke) 2002-2007 Japan Origin Suzuki 2-1/2" Gearcase (10 Tooth Spine)

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	4111-093-07A
3	9.25	8	R	4111-093-08A
3	9.25	9	R	4111-093-09A
3	9.25	10	R	4111-093-10A
3	9.25	11	R	4111-093-11A
3	9.25	12	R	4111-093-12A

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	4113-093-07A
4	9.25	8	R	4113-093-08A
4	9.25	9	R	4113-093-09A
4	9.25	10	R	4113-093-10A
4	9.25	11	R	4113-093-11A

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	4113-100-05A
4	10	7	R	4113-100-07A

High Thrust Propeller

Excellent forward and reverse thrust.

Ideal for kicker/auxiliary engines with heavy loads



KITS part # : 17041501A

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 15-35 Horsepower / 3" Gearcase (14 Tooth SPLINE & THRU HUB EXHAUST)

15 HP E-TEC H.O. 2011 ~
20 HP 2 Cyl. 84 ~ 97
25 HP (Commercial) 93 ~ 05
25 HP 2 & 3 Cyl 84 ~
30 HP E-TEC 2009 ~
35 HP 2 Cyl 79 ~ 83
35 HP 3 Cyl 97 ~ 01

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	11	9	R	2211-110-09
3	10.8	10	R	2211-108-10
3	10.5	11	R	2211-105-11
3	10.3	12	R	2211-103-12
3	10.1	13	R	2211-101-13
3	10	14	R	2211-100-14
3	10	15	R	2211-100-15

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	2213-102-11
4	10.1	12	R	2213-101-12
4	10	13	R	2213-100-13
4	10	14	R	2213-100-14
4	10	15	R	2213-100-15



KITS part # : 17022501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

B Johnson 25-30HP (4-Stroke) 04-07 Japan Origin Suzuki 3" Gearcase (10 Tooth Spline)

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	11	9	R	4211-110-09
3	10.8	10	R	4211-108-10
3	10.5	11	R	4211-105-11
3	10.3	12	R	4211-103-12
3	10.1	13	R	4211-101-13
3	10	14	R	4211-100-14
3	10	15	R	4211-100-15

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	4213-102-11
4	10.1	12	R	4213-101-12
4	10	13	R	4213-100-13
4	10	14	R	4213-100-14
4	10	15	R	4213-100-15

Hardware Kits part# : 17042501

10-28HP (Pin Drive)

10 HP 1951-1957
15 HP 1953-1956; 18 HP 1957-1973
20 HP 1969-1973; 25 HP 1969-1977
28 HP 1964

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



14-28HP (13 Tooth Spline)

14 HP 1988-1989; 25 HP 1978-1984
25 HP Commercial 1978-1991, 1994 & Newer
28HP 1986-1996

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



Pin Drive

Rubber Hub: POA-RB2
P/N: 1798102



Spline Drive

Rubber Hub: POA-RB
P/N: 1798101

C 40~75 Horsepower / Small 3-3/8" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

40 HP 2Cyl 84 ~ 05
48 HP 87 ~ 96
50 HP 2Cyl 75 ~ 05

55 HP 2 Cyl 76 ~ 79
60 HP 2 Cyl 80 ~ 85
65 HP 2 Cyl 80 ~ 85

75 HP 3 Cyl 75 ~ 85
Sprint 86 ~ 92
Formula E 86 ~ 92

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/2	13	R	2331-125-13
3	12 1/4	15	R	2331-123-15
3	12	17	R	2331-120-17



2331-123-15

Prop hardware for pressed in hub propeller.

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
OCTW	OCSP	N/A	OCNT	Epin(2")

KITS part #: 17023501

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

C Johnson 40, 50 HP (4-Stroke) ... ~ 2007 3-1/4" Gearcase (13 Tooth Spline)

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	4331-120-08
3	12	9	R	4331-120-09
3	11 7/8	10	R	4331-119-10
3	11 5/8	11	R	4331-116-11
3	11 3/8	12	R	4331-114-12
3	11 1/8	13	R	4331-111-13
3	11 1/8	14	R	4331-111-14
3	11	15	R	4331-110-15



4331-111-13

Prop hardware for pressed in hub propeller.

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
Original BRP Part	Original BRP Part	Original BRP Part	YENT	Epin(2")

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 40~140 Horsepower / (Large 4-1/4" Gearcase (13 Tooth THRU HUB EXHAUST)

40 HP E-TEC 2004 ~
45 HP 2 Cyl (Commercial) . 86 ~
50 HP 2 Cyl (Pleasure) 71 ~ 74
50 HP 2 Cyl (Commercial) ... 77 ~ 79
50 HP 3 Cyl (Pleasure) 94 ~ 99
50 HP E-TEC 2004 ~
55 HP 2 Cyl (Commercial) 80 ~
55 HP 3 Cyl 68 ~ 69
55 HP E-TEC 2009 ~

60 HP 3 Cyl (Pleasure) 70 ~ 71, 86 ~ 01
60 HP (4-Stroke) 98 ~
60 HP E-TEC 2004 ~
65 HP 3 Cyl (Pleasure) 72 ~ 73
65 HP 3 Cyl (Commercial) 84 ~ 01
65 HP (Pontoon Series) 2014 ~
70 HP 3 Cyl (Pleasure) 74 ~
70 HP 3 Cyl (Commercial) 74 ~ 01
70 HP (4-Stroke) 98 ~
75 HP 3 Cyl (Pleasure) 75 ~ 84
75 HP E-TEC 2004 ~

V4 Outboard

85 HP 69 ~ 80, 91 ~ 95
88 HP 81 ~ 96
90 HP 81 ~
90 HP E-TEC (20" Shaft) . 2004 ~
90 HP (Pontoon Series) . 2014 ~
100 HP 79 ~ 80, 88 ~ 93
110 HP 86 ~ 89
112 HP 94 ~ 96
115 HP 73 ~
115 HP E-TEC (20" Shaft) . 2004 ~
120 HP 86 ~ 94
125 HP 71 ~ 72
130 HP E-TEC (20" Shaft) . 04 ~ 10
135 HP 73 ~ 76
140 HP 77 ~ 84, 86 ~ 94

OMC Sterndrives

Model 400 2.3L ~ 3.0L Cobra 2.3L ~ 3.0L Sea Drive 1.6L ~ 1.8L

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	2431-140-11
3	13 3/4	13	R	2431-138-13
3	13 1/2	15	R	2431-135-15
3	13 1/4	17	R	2431-133-17
3	13	19	R	2431-130-19
3	13	21	R	2431-130-21

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	2441-138-13
3	13 3/4	15	R	2441-138-15
3	13 1/4	17	R	2441-133-17
3	13 1/4	19	R	2441-133-19

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	2453-135-13
4	13 1/4	15	R	2453-133-15
4	13	17	R	2453-130-17
4	13	19	R	2453-130-19
4	13	21	R	2453-130-21

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
ODTW	OCSP	N/A	OCNT	Epin(2")

KITS part #: 17024501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

D+ Johnson DF90, 115, 140 HP (4-Stroke) 2002 ~ 07; 4-1/4" Gearcase (15 Tooth Spline) & THRU HUB EXHAUST



HR TITAN 3
High Speed Application

Prop hardware for pressed in hub propeller.

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
Original BRP Part	Original BRP Part	Original BRP Part	OCNT	Epin(2")

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

HR TITAN 3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 7/8	15	R	3451-139-15
3	13 7/8	15	L	3452-139-15
3	13 7/8	17	R	3451-139-17
3	13 7/8	17	L	3452-139-17
3	13 7/8	19	R	3451-139-19
3	13 7/8	19	L	3452-139-19
3	13 7/8	21	R	3451-139-21
3	13 7/8	21	L	3452-139-21
3	13 7/8	23	R	3451-139-23
3	13 7/8	23	L	3452-139-23
3	13 7/8	25	R	3451-139-25

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 40~75 Horsepower / Small 3-3/8" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

40 HP 2Cyl	84 ~ 05
48 HP	87 ~ 96
50 HP 2Cyl	75 ~ 05

55 HP 2 Cyl	76 ~ 79
60 HP 2 Cyl	80 ~ 85
65 HP 2 Cyl	80 ~ 85

75 HP 3 Cyl	75 ~ 85
Sprint	86 ~ 92
Formula E	86 ~ 92

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13	11	R	2311-130-11
3	12.5	13	R	2311-125-13
3	12.25	15	R	2311-123-15
3	12	17	R	2311-120-17



2311-125-13

Prop hardware for pressed in hub propeller.

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
OCTW	OCSP	N/A	OCNT	Epin(2")
KITS part # : 17023501				

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

C Johnson 40, 50 HP (4-Stroke) ... ~ 2007 3-1/4" Gearcase (13 Tooth Spline)

AMITA 3-C Plus Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	4311-120-10
3	11.8	11	R	4311-118-11
3	11.6	12	R	4311-116-12
3	11.6	13	R	4311-116-13
3	11.6	14	R	4311-116-14
3	11.4	15	R	4311-114-15
3	11.4	16	R	4311-114-16



4311-114-15

Prop hardware for pressed in hub propeller.

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
Original BRP Part	Original BRP Part	Original BRP Part	VENT	Epin(2")

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 40~140 Horsepower / (Large 4-1/4" Gearcase (13 Tooth THRU HUB EXHAUST)

40 HP E-TEC	2004 ~
45 HP 2 Cyl (Commercial) .	86 ~
50 HP 2 Cyl (Pleasure)	71 ~ 74
50 HP 2 Cyl (Commercial) ...	77 ~ 79
50 HP 3 Cyl (Pleasure)	94 ~ 99
50 HP E-TEC	2004 ~
55 HP 2 Cyl (Commercial)	80 ~
55 HP 3 Cyl	68 ~ 69
55 HP E-TEC	2009 ~

60 HP 3 Cyl (Pleasure) 70 ~ 71, 86 ~ 01
60 HP (4-Stroke)98 ~
60 HP E-TEC 2004 ~
65 HP 3 Cyl (Pleasure) 72 ~ 73
65 HP 3 Cyl (Commercial)84 ~ 01
65 HP (Pontoon Series)2014 ~
70 HP 3 Cyl (Pleasure)74 ~
70 HP 3 Cyl (Commercial) 74 ~ 01
70 HP (4-Stroke)98 ~
75 HP 3 Cyl (Pleasure)75 ~ 84
75 HP E-TEC 2004 ~

V4 Outboard

85 HP	69 ~ 80, 91 ~ 95
88 HP	81 ~ 96
90 HP	81 ~
90 HP E-TEC (20" Shaft) .	2004 ~
90 HP (Pontoon Series) .	2014 ~
100 HP	79 ~ 80, 88 ~ 93
110 HP	86 ~ 89
112 HP	94 ~ 96
115 HP	73 ~
115 HP E-TEC (20" Shaft) .	2004 ~
120 HP	86 ~ 94
125 HP	71 ~ 72
130 HP E-TEC (20" Shaft) .	04 ~ 10
135 HP	73 ~ 76
140 HP	77 ~ 84, 86 ~ 94

OMC Sterndrives

Model 400 2.3L ~ 3.0L	Cobra 2.3L ~ 3.0L	Sea Drive 1.6L ~ 1.8L
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AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	2411-140-09
3	14	11	R	2411-140-11
3	13.75	13	R	2411-138-13
3	13.5	14	R	2411-135-14
3	13.5	15	R	2411-135-15
3	13.5	16	R	2411-135-16
3	13.25	17	R	2411-133-17
3	13.25	18	R	2411-133-18
3	13	19	R	2411-130-19
3	13	21	R	2411-130-21

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	2411-132-19
3	13.2	21	R	2411-132-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	2413-133-13
4	13	15	R	2413-130-15
4	12.75	17	R	2413-128-17
4	12.5	19	R	2413-125-19
4	12.5	21	R	2413-125-21

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
ODTW	OCSP	N/A	OCNT	Epin(2")
KITS part # : 17024501				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

D+ Johnson DF90, 115, 140 HP (4-Stroke) 2002 ~ 07; 4-1/4" Gearcase (15 Tooth Spline) & THRU HUB EXHAUST

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.75	15	R	3413-138-15
4	13.75	17	R	3413-138-17
4	13.75	19	R	3413-138-19
4	13.75	21	R	3413-138-21

Prop hardware for pressed in hub propeller.

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
Original BRP Part	Original BRP Part	Original BRP Part	OCNT	Epin(2")

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

E 90~ 300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

90 HP V4 (Includes DPX)	95 ~
90 HP E-TEC (25" Shaft)	2004 ~
100 HP V4 (Commercial)	84 ~
100 HP	2004 ~
115 HP V4 (Includes DSX,DPX, & DCX) ...	95 ~
115 HP E-TEC (25" Shaft)	2004 ~
115 HP (Pontoon Series)	2014 ~
120-140 HP V4	1985
130 HP V4	95 ~ 96
130 HP E-TEC (25" Shaft).....	09 ~ 10
OMC Sterndrive Model 800, King Cobra, Cobra (Non SX Drive) 3.0L ~ 8.2L / Sea Drive 2.0L ~ 4.0L / For SX Drive please check Volvo Penta Section	

135 HP V6	2014 ~
140 HP (25" Shaft)	89 ~ 94
150 HP V6 (Includes E-TEC) ...	78 ~
150 HP V6 (Commercial)	93 ~
150 HP (Pontoon Series)	2014 ~
155 HP V6 (Commercial)	78 ~
175 HP V6 (Includes E-TEC) ...	77 ~
185 HP V6	84 ~ 85
200 HP V6 (Includes E-TEC)	76 ~

225 HP V6 (Includes E-TEC)	86 ~
235 HP V6	78 ~ 85
250 HP V8 (Includes E-TEC)	91 ~
250 HP V6 (Includes E-TEC)	01 ~
275 HP V8	86 ~ 88
300 HP V8 (Includes E-TEC)	88 ~ 95; 09 ~
2.6 Liter V-6	84 ~ 85
3.6 Liter V8	86 ~ 87

NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	2531-145-15
3	14 1/2	15	L	2532-145-15
3	14 1/4	17	R	2531-143-17
3	14 1/4	17	L	2532-143-17
3	14	19	R	2531-140-19
3	14	19	L	2532-140-19
3	14	21	R	2531-140-21
3	14	21	L	2532-140-21
3	14	23	R	2531-140-23
3	14	23	L	2532-140-23
3	14	25	R	2531-140-25

NEW SATURN-E Plus

Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	9	R	2531-156-09
3	15 5/8	11	R	2531-156-11
3	15 5/8	13	R	2531-156-13
3	15 5/8	13	L	2532-156-13

HR TITAN3 Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	2551-150-14
3	15	14	L	2552-150-14
3	14 3/4	16	R	2551-148-16
3	14 3/4	16	L	2552-148-16
3	14 3/4	17	R	2551-148-17
3	14 3/4	17	L	2552-148-17
3	14 3/4	18	R	2551-148-18
3	14 3/4	18	L	2552-148-18
3	14 3/4	19	R	2551-148-19
3	14 3/4	19	L	2552-148-19
3	14 3/4	20	R	2551-148-20
3	14 3/4	20	L	2552-148-20
3	14 1/2	21	R	2551-145-21
3	14 1/2	21	L	2552-145-21
3	14 1/4	22	R	2551-143-22
3	14 1/4	22	L	2552-143-22
3	14	24	R	2551-140-24
3	14	24	L	2552-140-24

HR TITAN4 Stainless steel 4 blade
PROP Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	2553-145-15
4	14 1/2	15	L	2554-145-15
4	14 1/4	17	R	2553-143-17
4	14 1/4	17	L	2554-143-17
4	14 1/8	18	R	2553-141-18
4	14 1/8	18	L	2554-141-18
4	14 1/8	19	R	2553-141-19
4	14 1/8	19	L	2554-141-19
4	14	20	R	2553-140-20
4	14	20	L	2554-140-20
4	14	21	R	2553-140-21
4	14	21	L	2554-140-21
4	14	22	R	2553-140-22
4	14	22	L	2554-140-22
4	14	23	R	2553-140-23
4	14	23	L	2554-140-23
4	14	25	R	2553-140-25
4	14	25	L	2554-140-25
4	14	27	R	2553-140-27

LEXOR Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	2571-158-15
3	15 3/4	15	L	2572-158-15
3	15 5/8	16	R	2571-156-16
3	15 5/8	16	L	2572-156-16
3	15 1/2	17	R	2571-155-17
3	15 1/2	17	L	2572-155-17
3	15 3/8	18	R	2571-154-18
3	15 3/8	18	L	2572-154-18
3	15 1/4	19	R	2571-153-19
3	15 1/4	19	L	2572-153-19
3	15 1/8	20	R	2571-151-20
3	15 1/8	20	L	2572-151-20
3	15	21	R	2571-150-21
3	15	21	L	2572-150-21
3	14 7/8	22	R	2571-149-22
3	14 7/8	22	L	2572-149-22
3	14 3/4	23	R	2571-148-23
3	14 3/4	23	L	2572-148-23
3	14 1/2	25	R	2571-145-25
3	14 1/2	25	L	2572-145-25
3	14 1/2	27	R	2571-145-27
3	14 1/2	27	L	2572-145-27



LEXOR
2571-150-21

Scorpion Stainless steel 3 blade
PROP Rubber Hub

Check the RUBEX chart
S3 Prop for SCORPION.
www.rubexprops.com



Prop hardware for pressed in hub propeller.

	Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cotter Pin (4/2pack)
	OETW	OESP	N/A	OENT	Epin(2")
E					

KITS part # : 17025501
* Required hardware to install propeller that SOLAS makes in hub E series propeller.

Johnson 4 Stroke
DF 150, 175, 200, 225, 250, 300

LEXOR Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	4571-158-15
3	15 3/4	15	L	4572-158-15
3	15 5/8	16	R	4571-156-16
3	15 5/8	16	L	4572-156-16
3	15 1/2	17	R	4571-155-17
3	15 1/2	17	L	4572-155-17
3	15 3/8	18	R	4571-154-18
3	15 3/8	18	L	4572-154-18
3	15 1/4	19	R	4571-153-19
3	15 1/4	19	L	4572-153-19
3	15 1/8	20	R	4571-151-20
3	15 1/8	20	L	4572-151-20
3	15	21	R	4571-150-21
3	15	21	L	4572-150-21
3	14 7/8	22	R	4571-149-22
3	14 7/8	22	L	4572-149-22
3	14 3/4	23	R	4571-148-23
3	14 3/4	23	L	4572-148-23
3	14 1/2	25	R	4571-145-25
3	14 1/2	25	L	4572-145-25
3	14 1/2	27	R	4571-145-27
3	14 1/2	27	L	4572-145-27

Prop hardware for pressed in hub propeller.

	Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cotter Pin (4/2pack)
	Original BRP Part	Original BRP Part	Original BRP Part	YENT	Epin(2")
E					

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

E 90~ 300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

90 HP V4 (Includes DPX)	95 ~
90 HP E-TEC (25" Shaft)	2004 ~
100 HP V4 (Commercial)	84 ~
100 HP	2004 ~
115 HP V4 (Includes DSX,DPX, & DCX) ...	95 ~
115 HP E-TEC (25" Shaft)	2004 ~
115 HP (Pontoon Series)	2014 ~
120-140 HP V4	1985
130 HP V4	95 ~ 96
130 HP E-TEC (25" Shaft).....	09 ~ 10

135 HP V6	2014 ~
140 HP (25" Shaft)	89 ~ 94
150 HP V6 (Includes E-TEC) ...	78 ~
150 HP V6 (Commercial)	93 ~
150 HP (Pontoon Series)	2014 ~
155 HP V6 (Commercial)	78 ~
175 HP V6 (Includes E-TEC) ...	77 ~
185 HP V6	84 ~ 85
200 HP V6 (Includes E-TEC)	76 ~

225 HP V6 (Includes E-TEC)	86 ~
235 HP V6	78 ~ 85
250 HP V8 (Includes E-TEC)	91 ~
250 HP V6 (Includes E-TEC)	01 ~
275 HP V8	86 ~ 88
300 HP V8 (Includes E-TEC)	88 ~ 95; 09 ~
2.6 Liter V-6	84 ~ 85
3.6 Liter V8	86 ~ 87

OMC Sterndrive Model 800, King Cobra, Cobra (Non SX Drive) 3.0L ~ 8.2L / Sea Drive 2.0L ~ 4.0L / For SX Drive please check Volvo Penta Section

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	2511-155-13
3	15	15	R	2511-150-15
3	15	15	L	2512-150-15
3	14.8	17	R	2511-148-17
3	14.8	17	L	2512-148-17
3	14.5	19	R	2511-145-19
3	14.5	19	L	2512-145-19
3	14.3	21	R	2511-143-21
3	14.3	21	L	2512-143-21
3	14.2	23	R	2511-142-23
3	14.2	23	L	2512-142-23

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	2511-160-13
3	15.8	15	R	2511-158-15
3	15.8	15	L	2512-158-15
3	15.5	17	R	2511-155-17
3	15.5	17	L	2512-155-17
3	15.3	19	R	2511-153-19
3	15.3	19	L	2512-153-19
3	15.3	21	R	2511-153-21
3	15.3	21	L	2512-153-21
3	15.3	23	R	2511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	2513-148-15
4	14.75	15	L	2514-148-15
4	14.5	17	R	2513-145-17
4	14.5	17	L	2514-145-17
4	14.25	19	R	2513-143-19
4	14.25	19	L	2514-143-19
4	14	21	R	2513-140-21
4	14	21	L	2514-140-21
4	14	23	R	2513-140-23



AMITA 3
2511-145-19



AMITA 3(E-Plus)
2511-153-21



AMITA 4
2513-140-21

Thrust Washer (1/1pack)	Spacer (1/1pack)	Washer (2/2pack)	Nut (1/1pack)	Cotter Pin (4/4pack)
OETW	OESP	N/A	OENT	Epin(2")
E				

KITS part # : 17025501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

E 200~225 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

200(4-Stroke).....	~ Newer
225(4-Stroke).....	~ Newer

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	4511-160-13
3	15.8	15	R	4511-158-15
3	15.8	15	L	4512-158-15
3	15.5	17	R	4511-155-17
3	15.5	17	L	4512-155-17
3	15.3	19	R	4511-153-19
3	15.3	19	L	4512-153-19
3	15.3	21	R	4511-153-21
3	15.3	21	L	4512-153-21
3	15.3	23	R	4511-153-23



AMITA 3(E-Plus)
4511-153-21

Prop hardware for pressed in hub propeller.

Thrust Washer (1/1pack)	Spacer (1/1pack)	Washer (2/2pack)	Nut (1/1pack)	Cotter Pin (4/4pack)
Original BRP Part	Original BRP Part	Original BRP Part	YENT	Epin(2")
E				

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

A 9.9~20 Horsepower / 2-1/2" Gearcase (8 Tooth SPLINE & THRU HUB EXHAUST)

T8, T9.9.....All
9.9 HP (2-Stroke)84 ~ 09

F9.9 (4-Stroke).....00 ~ 07
15 HP (2-Stroke) 84 ~ 09

F15 (4 Stroke) 98 ~
F15 C 07 ~
F20(4-Stroke)..... 07 ~

SATURN PROP Stainless steel 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	3121-093-07
3	9 1/4	8	R	3121-093-08
3	9 1/4	9	R	3121-093-09
3	9 1/4	10	R	3121-093-10
3	9 1/4	11	R	3121-093-11
3	9 1/4	12	R	3121-093-12



3121-093-09

Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cotter Pin (4/2pack)
YATW		YAWS	YANT	Apint(1 1/8")
A	N/A			

KITS part # : 17031501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 20~30Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

20 HP 96 ~ 97
25 HP 80 ~

F25 (4 Stroke) 98 ~ 06; 10 ~
30 HP 1979 ~2002

NEW SATURN PROP Stainless steel 3 blade
Rubber Hub

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



3231-101-13

SATURN PROP Stainless steel 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	10	8	R	3221-100-08
3	10	9	R	3221-100-09
3	10	10	R	3221-100-10
3	10	11	R	3221-100-11
3	10	12	R	3221-100-12
3	10	13	R	3221-100-13



3221-100-10

NEW SATURN PROP Stainless steel 4 blade
Rubber Hub

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

HR TITAN 4 PROP Stainless steel 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	3253-100-10
4	10	11	R	3253-100-11
4	10	12	R	3253-100-12



3253-100-11

Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cotter Pin (4/2pack)
YBTW	YBSP	YBWS	YBNT	Apint(1 1/8")
B				

KITS part # : 17032501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

2.5 / 5 Horsepower (9 Tooth Spline & Thru Hub Exhaust; Spline Drive)

3011-073-05S for 2.5HP

3011-075-07S for 5 HP

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	7.25	5	R	3011-073-05S
3	7.5	7	R	3011-075-07S



Spline Drive

Rubber Hub: Y5-RB
P/N: 1703001

8 6~9.9Horsepower (7 Tooth Spline & Thru Hub Exhaust)

6 HP (2-Stroke) 86 ~ 00

8 HP (2-Stroke) 86 ~ 09

F9.9 (4-Stroke).....08~

F6 (4-Stroke).....01~ 10

F8 (4-Stroke)..... 01 ~

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	8.5	7	R	3011-085-07
3	8.5	8	R	3011-085-08
3	8.5	9	R	3011-085-09

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	8.7	5	R	3013-087-05
4	8.7	7	R	3013-087-07

3013-087-07



High Thrust Propeller

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

Pin Drive for 8 HP

AMITA 3 Aluminum 3 blade

B	D	P	R	PART NO.
3	9	7	R	3011-090-07P



Rubber Hub: PY8-RB P/N: 179800

Pin Drive for YAMAHA 8HP 1976-1983

AMITA 3 Aluminum 3 blade

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



Rubber Hub: PO6-RB P/N: 1798001

A 9.9~20 Horsepower / 2-1/2" Gearcase (8 Tooth SPLINE & THRU HUB EXHAUST)

T8, T9.9.....All

F9.9 (4-Stroke).....00 ~ 07

F15 (4 Stroke) 98 ~

F20(4-Stroke)..... 07 ~

9.9 HP (2-Stroke)84 ~ 09

15 HP (2-Stroke) 84 ~ 09

F15 C 07 ~

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	3111-093-07
3	9.25	8	R	3111-093-08
3	9.25	9	R	3111-093-09
3	9.25	10	R	3111-093-10
3	9.25	11	R	3111-093-11
3	9.25	12	R	3111-093-12

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	3113-093-07
4	9.25	8	R	3113-093-08
4	9.25	9	R	3113-093-09
4	9.25	10	R	3113-093-10
4	9.25	11	R	3113-093-11

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	3113-100-05
4	10	7	R	3113-100-07

High Thrust Propeller

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


Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 20~30Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

20 HP 96 ~ 97

F25 (4 Stroke) 98 ~ 06; 10 ~

25 HP 80 ~

30 HP 1979 ~2002

AMITA 3 Aluminum 3 blade
Rubber Hub

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

AMITA 4 Aluminum 4 blade
Rubber Hub

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



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

AMITA 3 (Pin Drive)

15HP 1976-1983 : W15HP 1976-1983

20HP 1976-1978 : 25HP 1977-1979

28HP 1976-1978

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



2111-093-11P

AMITA 3 (Spline Drive)

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



Pin Drive

Rubber Hub: POA-RB2
P/N: 1798102


Spline Drive

Rubber Hub: POA-RB
P/N: 1798101

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 25~60 Horsepower / 3-1/2" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

T25 HP 10 ~
F30 (4 Stroke) 01 ~05
F30 (4 Stroke) ... 2015 ~ Newer

40 HP (Includes C40) 84 ~
F40 (4 Stroke) 99 ~
48 HP 95 ~ 00

50 HP (not T50)..... 84 ~
F50 (4 Stroke) 95 ~
55 HP 76 ~ 95

60 HP 76 ~91
F60 (4 Stroke) 99 ~

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	3331-120-08
3	12	9	R	3331-120-09
3	11 7/8	10	R	3331-119-10
3	11 5/8	11	R	3331-116-11
3	11 3/8	12	R	3331-114-12
3	11 1/8	13	R	3331-111-13
3	11 1/8	14	R	3331-111-14
3	11	15	R	3331-110-15



3331-110-15

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	3321-123-09
3	11 3/4	11	R	3321-118-11
3	11 1/2	12	R	3321-115-12
3	11 1/8	13	R	3321-111-13
3	11 1/8	14	R	3321-111-14
3	11	15	R	3321-110-15



3321-111-13

Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cotter Pin (4/2pack)
YCTW	YCSP	YCWS	YCNT	Cpin(1 1/2")
KITS part #: 17033501				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 50~130 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

T50 (4-Stroke) 96 ~
60 HP (Includes C60/E60/P60) 92 ~ 05
T60 (4-Stroke) 03 ~
70 HP 84 ~

F70 (4-Stroke) 10 ~
75 HP (Includes C75/E75/P75) .94 ~ 99
F75 (4 Stroke) 03 ~
80 HP 1997

F80 (4 Stroke) 99 ~ 02
85 HP 91 ~ 97
90 HP (Includes C90) ... 84 ~
F90 (4 Stroke) 99 ~

F100 (4 Stroke) 99 ~ 02
115 HP (Includes C115/P115) .84 ~
F115 (4 Stroke) 00 ~
130 HP 84 ~ 03

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	3431-140-11
3	13 3/4	13	R	3431-138-13
3	13 3/4	13	L	3432-138-13
3	13 1/2	15	R	3431-135-15
3	13 1/2	15	L	3432-135-15
3	13 1/4	17	R	3431-133-17
3	13 1/4	17	L	3432-133-17
3	13	19	R	3431-130-19
3	13	19	L	3432-130-19
3	13	21	R	3431-130-21



3431-133-17

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	3441-138-13
3	13 3/4	13	L	3442-138-13
3	13 3/4	15	R	3441-138-15
3	13 3/4	15	L	3442-138-15
3	13 1/4	17	R	3441-133-17
3	13 1/4	17	L	3442-133-17
3	13 1/4	19	R	3441-133-19
3	13 1/4	19	L	3442-133-19



3441-133-17

HRTITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	3453-135-13
4	13 1/2	13	L	3454-135-13
4	13 1/4	15	R	3453-133-15
4	13 1/4	15	L	3454-133-15
4	13	17	R	3453-130-17
4	13	17	L	3454-130-17
4	13	19	R	3453-130-19
4	13	19	L	3454-130-19
4	13	21	R	3453-130-21
4	13	21	L	3454-130-21



3453-130-17

Prop hardware for pressed in hub propeller.

D	Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cotter Pin (4/2pack)
(50~100HP)	YDTW	YDSP2	YDBS	YCNT	Cpin(1 1/2")
KITS part #: 17034501					
F75B, F90B (100~130HP)	YETW	YDSP	YDWS	YENT	Cpin(2")
KITS part #: 17035501					

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 25~60 Horsepower / 3-1/2" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

T25 HP 10 ~
F30 (4 Stroke) 01 ~05
F30 (4 Stroke) ... 2015 ~ Newer

40 HP (Includes C40) 84 ~
F40 (4 Stroke) 99 ~
48 HP 95 ~ 00

50 HP (not T50)..... 84 ~
F50 (4 Stroke) 95 ~
55 HP 76 ~ 95

60 HP 76 ~91
F60 (4 Stroke) 99 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12.2	7	R	3311-122-07
3	12.2	8	R	3311-122-08
3	12.1	9	R	3311-121-09
3	11.8	10	R	3311-118-10
3	11.6	11	R	3311-116-11
3	11.4	12	R	3311-114-12
3	11.1	13	R	3311-111-13
3	11.1	14	R	3311-111-14
3	11	15	R	3311-110-15
3	11	16	R	3311-110-16
3	11	17	R	3311-110-17



3311-110-15

AMITA 3-C Plus Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	3311-120-10
3	11.8	11	R	3311-118-11
3	11.6	12	R	3311-116-12
3	11.6	13	R	3311-116-13
3	11.6	14	R	3311-116-14
3	11.4	15	R	3311-114-15
3	11.4	16	R	3311-114-16



3311-116-13

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	11.8	9	R	3313-118-09
4	11.4	10	R	3313-114-10
4	11.1	11	R	3313-111-11
4	10.8	12	R	3313-108-12
4	10.5	13	R	3313-105-13
4	10.5	14	R	3313-105-14



3313-105-14

40 HP Pin Drive

B	D	P	R	PART NO.
3	11.5	10	R	3311-115-10P
3	11.5	11	R	3311-115-11P
3	11.5	12	R	3311-115-12P



40 HP Pin Drive

Rubber Hub: PYC-RB
P/N: 179830



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 50~130 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

T50 (4-Stroke) 96 ~
60 HP (Includes C60/E60/P60) 92 ~ 05
T60 (4-Stroke) 03 ~
70 HP 84 ~

F70 (4-Stroke) 10 ~
75 HP (Includes C75/E75/P75) .94 ~ 99
F75 (4 Stroke) 03 ~
80 HP 1997

F80 (4 Stroke) 99 ~ 02
85 HP 91 ~ 97
90 HP (Includes C90) ... 84 ~
F90 (4 Stroke) 99 ~

F100 (4 Stroke) 99 ~ 02
115 HP (Includes C115/P115) .84 ~
F115 (4 Stroke) 00 ~
130 HP 84 ~ 03

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	3411-140-09
3	14	11	R	3411-140-11
3	13.75	13	R	3411-138-13
3	13.75	13	L	3412-138-13
3	13.5	14	R	3411-135-14
3	13.5	15	R	3411-135-15
3	13.5	15	L	3412-135-15
3	13.5	16	R	3411-135-16
3	13.25	17	R	3411-133-17
3	13.25	17	L	3412-133-17
3	13.25	18	R	3411-133-18
3	13	19	R	3411-130-19
3	13	21	R	3411-130-21

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	3411-132-19
3	13.2	21	R	3411-132-21



3411-133-17

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	3413-133-13
4	13	15	R	3413-130-15
4	12.75	17	R	3413-128-17
4	12.5	19	R	3413-125-19
4	12.5	21	R	3413-125-21



3413-125-19

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.5	13	R	3411-135-13
3	13.4	15	R	3411-134-15
3	13.2	17	R	3411-132-17
3	13.1	19	R	3411-131-19

OEM Blade Style
Semi cleaver blade design



Prop hardware for pressed in hub propeller.

D	Thrust Washer (1/1pack)	Spacer (1/1pack)	Washer (2/2pack)	Nut (1/1pack)	Cotter Pin (4/4pack)
(50~100HP)	YDTW	YDSP2	YDBS	YCNT	Cpin(1 1/2")
F75B, F90B (100~130HP)	YETW	YDSP	YDWS	YENT	Cpin(2")

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

E 150~300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

150 HP 86 ~
F150 (4-Stroke) 04 ~
175 HP 84 ~
F175 (4-Stroke) 14 ~
200 HP 84 ~
200 HP (VMAX)..... 01

F200 (4-Stroke) 02 ~
VF200 V-MAX SHO 10 ~
220 HP 1984~1985
220 HP (Special) 87 ~ 88
225 HP (Excel) 80 ~
225HP 1987-1988

225 HP 86 ~
F225 (4-Stroke) (Includes Offshore) .. 02 ~
VF225 VMAX SHO 10 ~
250 HP 90 ~
250 HP (VMAX) 01 ~
F250HP Include VMAX and Offshore

F250 (4 Stroke) (Includes Offshore)..02 ~
300 HP (2-stroke V6 Engine)..... 04 ~ 07
F300 Offshore (4-Stroke V6 Engine) ..10 ~
Sterndrive 3.0L ~7.47L

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	3531-145-15
3	14 1/2	15	L	3532-145-15
3	14 1/4	17	R	3531-143-17
3	14 1/4	17	L	3532-143-17
3	14	19	R	3531-140-19
3	14	19	L	3532-140-19
3	14	21	R	3531-140-21
3	14	21	L	3532-140-21
3	14	23	R	3531-140-23
3	14	23	L	3532-140-23
3	14	25	R	3531-140-25

NEW SATURN-E Plus

Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	11	R	3531-156-11
3	15 5/8	13	R	3531-156-13
3	15 5/8	13	L	3532-156-13

HR TITAN3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	3551-150-14
3	15	14	L	3552-150-14
3	14 3/4	16	R	3551-148-16
3	14 3/4	16	L	3552-148-16
3	14 3/4	17	R	3551-148-17
3	14 3/4	17	L	3552-148-17
3	14 3/4	18	R	3551-148-18
3	14 3/4	18	L	3552-148-18
3	14 3/4	19	R	3551-148-19
3	14 3/4	19	L	3552-148-19
3	14 3/4	20	R	3551-148-20
3	14 3/4	20	L	3552-148-20
3	14 1/2	21	R	3551-145-21
3	14 1/2	21	L	3552-145-21
3	14 1/4	22	R	3551-143-22
3	14 1/4	22	L	3552-143-22
3	14	24	R	3551-140-24
3	14	24	L	3552-140-24

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	3553-145-15
4	14 1/2	15	L	3554-145-15
4	14 1/4	17	R	3553-143-17
4	14 1/4	17	L	3554-143-17
4	14 1/8	18	R	3553-141-18
4	14 1/8	18	L	3554-141-18
4	14 1/8	19	R	3553-141-19
4	14 1/8	19	L	3554-141-19
4	14	20	R	3553-140-20
4	14	20	L	3554-140-20
4	14	21	R	3553-140-21
4	14	21	L	3554-140-21
4	14	22	R	3553-140-22
4	14	22	L	3554-140-22
4	14	23	R	3553-140-23
4	14	23	L	3554-140-23
4	14	25	R	3553-140-25
4	14	25	L	3554-140-25
4	14	27	R	3553-140-27

LEXOR Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	3571-158-15
3	15 3/4	15	L	3572-158-15
3	15 5/8	16	R	3571-156-16
3	15 5/8	16	L	3572-156-16
3	15 1/2	17	R	3571-155-17
3	15 1/2	17	L	3572-155-17
3	15 3/8	18	R	3571-154-18
3	15 3/8	18	L	3572-154-18
3	15 1/4	19	R	3571-153-19
3	15 1/4	19	L	3572-153-19
3	15 1/8	20	R	3571-151-20
3	15 1/8	20	L	3572-151-20
3	15	21	R	3571-150-21
3	15	21	L	3572-150-21
3	14 7/8	22	R	3571-149-22
3	14 7/8	22	L	3572-149-22
3	14 3/4	23	R	3571-148-23
3	14 3/4	23	L	3572-148-23
3	14 1/2	25	R	3571-145-25
3	14 1/2	25	L	3572-145-25
3	14 1/2	27	R	3571-145-27
3	14 1/2	27	L	3572-145-27

Scorpion Stainless steel 3 blade Rubber Hub

Check the RUBEX chart
S3 Prop for SCORPION.
www.rubexprops.com



NEW SATURN
3531-140-21



HR TITAN3
3551-145-21



HR TITAN4
3553-140-21



LEXOR
3571-148-23

Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Coiler Pin (4/each)
YETW	YDSP	YDWS	YENT	Epim(2")

KITS part # : 17035501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

E 150~300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

150 HP 86 ~
 F150 (4-Stroke) 04 ~
 175 HP 84 ~
 F175 (4-Stroke) 14 ~
 200 HP 84 ~
 200 HP (VMAX)..... 01

F200 (4-Stroke) 02 ~
 VF200 V-MAX SHO 10 ~
 220 HP 1984~1985
 220 HP (Special) 87 ~ 88
 225 HP (Excel) 80 ~
 225HP 1987-1988

225 HP 86 ~
 F225 (4-Stroke) (Includes Offshore) .. 02 ~
 VF225 VMAX SHO 10 ~
 250 HP 90 ~
 250 HP (VMAX) 01 ~
 F250HP Include VMAX and Offshore

F250 (4 Stroke) (Includes Offshore)..02 ~
 300 HP (2-stroke V6 Engine)..... 04 ~ 07
 F300 Offshore (4-Stroke V6 Engine) ..10 ~
 Sterndrive 3.0L ~7.47L

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	3511-155-13
3	15	15	R	3511-150-15
3	15	15	L	3512-150-15
3	14.8	17	R	3511-148-17
3	14.8	17	L	3512-148-17
3	14.5	19	R	3511-145-19
3	14.5	19	L	3512-145-19
3	14.3	21	R	3511-143-21
3	14.3	21	L	3512-143-21
3	14.2	23	R	3511-142-23
3	14.2	23	L	3512-142-23

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	3511-160-13
3	15.8	15	R	3511-158-15
3	15.8	15	L	3512-158-15
3	15.5	17	R	3511-155-17
3	15.5	17	L	3512-155-17
3	15.3	19	R	3511-153-19
3	15.3	19	L	3512-153-19
3	15.3	21	R	3511-153-21
3	15.3	21	L	3512-153-21
3	15.3	23	R	3511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	3513-148-15
4	14.75	15	L	3514-148-15
4	14.5	17	R	3513-145-17
4	14.5	17	L	3514-145-17
4	14.25	19	R	3513-143-19
4	14.25	19	L	3514-143-19
4	14	21	R	3513-140-21
4	14	21	L	3514-140-21
4	14	23	R	3513-140-23



AMITA 3
3511-143-21



AMITA 3(E-Plus)
3511-153-19



AMITA 4
3513-140-21

Thrust Washer (1/1pack)	Spacer (1/1pack)	Washer (2/2pack)	Nut (1/1pack)	Cotter Pin (4/4pack)
YETW	YDSP	YDWS	YENT	Epin2"

KITS part # : 17035501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

A 8~20 Horsepower / 2-1/2" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

DF 8A (4-Stroke) ... 2011-Newer
DT 9.9 83 ~ 87
DF 9.9 (4 Stroke) 96 ~

DF 9.9A / DF 9.9B (4-Stroke).. 2010 ~
DT 15 83 ~ 88
DT 15C 89 ~ 97

DF 15 (4-Stroke) 96 ~ 2012
9.9 C and 9.9 CN not applicable
DF15A, DF20A 2013~Newer

SATURN PROP Stainless steel 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	4121-093-07A
3	9 1/4	8	R	4121-093-08A
3	9 1/4	9	R	4121-093-09A
3	9 1/4	10	R	4121-093-10A
3	9 1/4	11	R	4121-093-11A
3	9 1/4	12	R	4121-093-12A



4121-093-11A

Thrust Washer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Collar Pin (4/2pack)
SATW	SAWS	SANT	Apin(1 1/8")

KITS part # : 17041501A

Prop hardware for pressed in hub propeller.

* SOLAS aftermarket hardware to install prop on engines.

*A version supersede non A version. Non A version not applicable DF15A & DF20A.

B 20~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

DT 20 83 ~ 88
DT 25, 25C 83 ~ 00
DF 25 (Includes V-Twin) 2000 ~

DF 25R 2010 ~
DF 25A 2014 ~
DT 30, 30C 83 ~ 97

DF 30 00 ~ 07
DF 30A 2014 ~

NEW SATURN PROP Stainless steel 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	10 3/4	10	R	4231-108-10
3	10 1/2	11	R	4231-105-11
3	10 1/4	12	R	4231-103-12
3	10 1/8	13	R	4231-101-13
3	10	14	R	4231-100-14
3	10	15	R	4231-100-15



4231-101-13

HR TITAN 4 PROP Stainless steel 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	4253-100-10
4	10	11	R	4253-100-11
4	10	12	R	4253-100-12



4253-100-11

Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Collar Pin (4/2pack)
SBTW	SBSP	YBWS	SBNT	Apin(1 1/8")

KITS part # : 17042501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

2.5 HP (10 Tooth SPLINE)

DF 2.5 (4-Stroke) 2010 ~

AMITA 3 Aluminum 3 blade
Spline Drive

B	D	P	R	PART NO.
3	7.25	5	R	4011- 073- 05S

4~6HP (10 Tooth Spline)

DF4.....2004~ newer DF6.....2004~newer

AMITA 3 Aluminum 3 blade
Spline Drive

B	D	P	R	PART NO.
3	7.875	6.75	R	4011- 079- 07S



A 8~20 Horsepower / 2-1/2" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

DF 8A (4-Stroke) ... 2011-Newer

DT 9.9 83 ~ 87

DF 9.9 (4 Stroke) 96 ~

DF 9.9A / DF 9.9B (4-Stroke).. 2010 ~

DT 15 83 ~ 88

DT 15C 89 ~ 97

DF 15 (4-Stroke) 96 ~ 2012

9.9 C and 9.9 CN not applicable

DF15A, DF20A 2013~Newer

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	4111- 093- 07A
3	9.25	8	R	4111- 093- 08A
3	9.25	9	R	4111- 093- 09A
3	9.25	10	R	4111- 093- 10A
3	9.25	11	R	4111- 093- 11A
3	9.25	12	R	4111- 093- 12A

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	4113- 093- 07A
4	9.25	8	R	4113- 093- 08A
4	9.25	9	R	4113- 093- 09A
4	9.25	10	R	4113- 093- 10A
4	9.25	11	R	4113- 093- 11A

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	4113- 100- 05A
4	10	7	R	4113- 100- 07A

4113-100-07A

High Thrust Propeller

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

*A version supersede non A version. Non A version not applicable DF15A & DF20A.

	Thrust Washer (1/pack)	Washer (2/pack)	Nut (1/pack)	Coller Pin (4/pack)
A	SATW	SAWS	SANT	Apin(1 1/8")
KITS part # : 17041501A				

Prop hardware for pressed in hub propeller.

* SOLAS aftermarket hardware to install prop on engines.

B 20~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

DT 20 83 ~ 88

DT 25, 25C 83 ~ 00

DF 25 (Includes V-Twin) 2000 ~

DF 25R 2010 ~

DF 25A 2014 ~

DT 30, 30C 83 ~ 97

DF 30 00 ~ 07

DF 30A 2014 ~

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	11	9	R	4211- 110- 09
3	10.8	10	R	4211- 108- 10
3	10.5	11	R	4211- 105- 11
3	10.3	12	R	4211- 103- 12
3	10.1	13	R	4211- 101- 13
3	10	14	R	4211- 100- 14
3	10	15	R	4211- 100- 15

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	4213- 102- 11
4	10.1	12	R	4213- 101- 12
4	10	13	R	4213- 100- 13
4	10	14	R	4213- 100- 14
4	10	15	R	4213- 100- 15



	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Coller Pin (4/pack)
B	SBTW	SBSP	YBWS	SBNT	Apin(1 1/8")
KITS part # : 17042501					

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~65 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

DT35C	87 ~ 89	DT 50, 50M	83 ~ 84	DT 60	83 ~ 84
DT 40	83 ~ 98	DF 50 (4-Stroke).....	99 ~	DF 60A (4 Stroke)	2010 ~
DF 40 (4 Stroke).....	99 ~ 00	DF 50A (4-Stroke)	2010 ~	DT 65	85 ~ 97
DF 40A	2010 ~	DT 55	85 ~ 97		

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	4331-120-08
3	12	9	R	4331-120-09
3	11 7/8	10	R	4331-119-10
3	11 5/8	11	R	4331-116-11
3	11 3/8	12	R	4331-114-12
3	11 1/8	13	R	4331-111-13
3	11 1/8	14	R	4331-111-14
3	11	15	R	4331-110-15

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	4321-123-09
3	11 3/4	11	R	4321-118-11
3	11 1/2	12	R	4321-115-12
3	11 1/8	13	R	4321-111-13
3	11 1/8	14	R	4321-111-14
3	11	15	R	4321-110-15



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.



D 50~140 Horsepower / 4-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

DF 60 (4-Stroke).....	98 ~ 09	DT 85	79 ~ 00	DT 115	81 ~ 01
DF 70 (4 Stroke).....	98 ~ 08	DT 90	89 ~ 97	DT 140	81 ~ 01
DT 75	83 ~ 97	DT 100	89 ~ 00		

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	4431-140-11
3	13 3/4	13	R	4431-138-13
3	13 1/2	15	R	4431-135-15
3	13 1/4	17	R	4431-133-17
3	13	19	R	4431-130-19
3	13	21	R	4431-130-21

Prop hardware for pressed in hub propeller.

	Thrust Washer (1 pack)	Spacer (1 pack)	Washer (2 pack)	Nut (1 pack)	Cotter Pin (4 pack)
D	Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	4441-138-13
3	13 3/4	15	R	4441-138-15
3	13 1/4	17	R	4441-133-17
3	13 1/4	19	R	4441-133-19



HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	4453-135-13
4	13 1/4	15	R	4453-133-15
4	13	17	R	4453-130-17
4	13	19	R	4453-130-19
4	13	21	R	4453-130-21



D+ 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DF 70A (4-Stroke).....	09 ~	DF100 (4-Stroke)	09 ~ 12	DF 115A (4-Stroke)	2013 ~
DF 80A (4-Stroke).....	09 ~	DF100A (4-Stroke)....	2013 ~	DF 140 (4-Stroke)	02 ~ 12
DF 90 (4-Stroke)....	01 ~ 08	DF100B (4-Stroke)....	2018 ~	DF 140A (4-Stroke)	2013 ~
DF 90A (4-Stroke).....	09 ~	DF 115 (4-Stroke) ...	01 ~ 12		

HR TITAN 3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 7/8	15	R	3451-139-15
3	13 7/8	15	L	3452-139-15
3	13 7/8	17	R	3451-139-17
3	13 7/8	17	L	3452-139-17
3	13 7/8	19	R	3451-139-19
3	13 7/8	19	L	3452-139-19
3	13 7/8	21	R	3451-139-21
3	13 7/8	21	L	3452-139-21
3	13 7/8	23	R	3451-139-23
3	13 7/8	23	L	3452-139-23
3	13 7/8	25	R	3451-139-25

Kits for DF90 ~ DF115

	Thrust Washer (1 pack)	Spacer (1 pack)	Washer (2 pack)	Nut (1 pack)	Cotter Pin (4 pack)
D+	SDTW1	SDSP	YDWS	YENT	Epin(2")

	Thrust Washer (1 pack)	Spacer (1 pack)	Washer (2 pack)	Nut (1 pack)	Cotter Pin (4 pack)
D+	SDTW2	SDSP	YDWS	YENT	Epin(2")

	Thrust Washer (1 pack)	Spacer (1 pack)	Washer (2 pack)	Nut (1 pack)	Cotter Pin (4 pack)
D+	SDTW3	SDSP	YDWS	YENT	Epin(2")

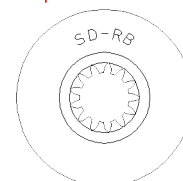
* NOTE for DF90 - DF140 (Kits Part # 17044501 & 17044502):

- Model A and Counter Rotation Model Z use 17044502 (DF90A use 17044503)

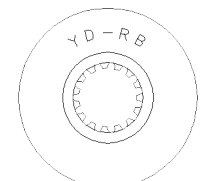
* DF50AV / DF60AV use 17044501

Note:

For DF 70A,DF 80A,DF 90,DF 90A,DF 100,DF 115,DF 115A,DF 140,DF 140A, please use 15 tooth spline rubber hub propeller. For DF 60,DF 70, DT 75-140, please use 13 tooth spline rubber hub propeller.



For
DF 60,DF 70
DT 75 - 140
Thrust Washer
13 Tooth Spline



For
DF 70A,DF 80A,DF 90,
DF 90A,DF 100,DF 115,
DF 115A,DF 140,DF 140A
Thrust Washer
15 Tooth Spline

Warning:

Those new engines DF70/DF100 between 2008~2009 and after 2009 might be with different fitting, consulting with your nearest dealer for more information.

C 35~65 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

DT35C 87 ~ 89
DT 40 83 ~ 98
DF 40 (4 Stroke)..... 99 ~ 00
DF 40A 2010 ~

DT 50, 50M 83 ~ 84
DF 50 (4-Stroke)..... 99 ~
DF 50A (4-Stroke) 2010 ~
DT 55 85 ~ 97

DT 60 83 ~ 84
DF 60A (4 Stroke) 2010 ~
DT 65 85 ~ 97

AMITA 3 Aluminum 3 blade -C Plus Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	4311-120-10
3	11.8	11	R	4311-118-11
3	11.6	12	R	4311-116-12
3	11.6	13	R	4311-116-13
3	11.6	14	R	4311-116-14
3	11.4	15	R	4311-114-15
3	11.4	16	R	4311-114-16

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	11.8	9	R	4313-118-09
4	11.4	10	R	4313-114-10
4	11.1	11	R	4313-111-11
4	10.8	12	R	4313-108-12
4	10.5	13	R	4313-105-13
4	10.5	14	R	4313-105-14



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.



4311-114-15



4313-108-12

D 50~140 Horsepower / 4-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

DF 60 (4-Stroke)..... 98 ~ 09
DF 70 (4 Stroke)..... 98 ~ 08
DT 75 83 ~ 97

DT 85 79 ~ 00
DT 90 89 ~ 97
DT 100 89 ~ 00

DT 115 81 ~ 01
DT 140 81 ~ 01

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	4411-140-09
3	14	11	R	4411-140-11
3	13.75	13	R	4411-138-13
3	13.5	14	R	4411-135-14
3	13.5	15	R	4411-135-15
3	13.5	16	R	4411-135-16
3	13.25	17	R	4411-133-17
3	13.25	18	R	4411-133-18
3	13	19	R	4411-130-19
3	13	21	R	4411-130-21

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	4411-132-19
3	13.2	21	R	4411-132-21

4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DF 50AV (4-Stroke)..... 2015 ~
DF 60AV (4-Stroke)..... 2015 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	3411-140-09
3	14	11	R	3411-140-11

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	4413-133-13
4	13	15	R	4413-130-15
4	12.75	17	R	4413-128-17
4	12.5	19	R	4413-125-19
4	12.5	21	R	4413-125-21



4411-133-17



4413-128-17

Prop hardware for pressed in hub propeller.

Thrust Washer (1/16")	Spacer (1/16")	Washer (2/16")	Nut (1/16")	Cotter Pin (4/16")
Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part

D+ 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DF 70A (4-Stroke)..... 09 ~
DF 80A (4-Stroke)..... 09 ~
DF 90 (4-Stroke).... 01 ~ 08
DF 90A (4-Stroke)..... 09 ~
DF 100 (4-Stroke) 09 ~ 12
DF 100A (4-Stroke).... 2013 ~
DF 100B (4-Stroke).... 2018 ~
DF 115 (4-Stroke) ... 01 ~ 12
DF 115A (4-Stroke) 2013 ~
DF 140 (4-Stroke) 02 ~ 12
DF 140A (4-Stroke) 2013 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.875	17	R	3411-139-17
3	13.875	19	R	3411-139-19
3	13.875	21	R	3411-139-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.75	15	R	3413-138-15
4	13.75	17	R	3413-138-17
4	13.75	19	R	3413-138-19
4	13.75	21	R	3413-138-21

Kits for DF90 ~ DF115

Thrust Washer (1/16")	Spacer (1/16")	Washer (2/16")	Nut (1/16")	Cotter Pin (4/16")
SDTW1	SDSP	YDWS	YENT	Epin(2")

KITS part #: 17044501

Kits for DF90 ~ DF140

Thrust Washer (1/16")	Spacer (1/16")	Washer (2/16")	Nut (1/16")	Cotter Pin (4/16")
SDTW2	SDSP	YDWS	YENT	Epin(2")

KITS part #: 17044502

Kits for DF70A/DF80A/DF90A/DF100B

Thrust Washer (1/16")	Spacer (1/16")	Washer (2/16")	Nut (1/16")	Cotter Pin (4/16")
SDTW3	SDSP	YDWS	YENT	Epin(2")

KITS part #: 17044503

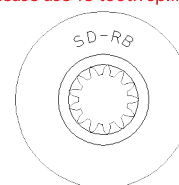
* NOTE for DF90 - DF140 (Kits Part # 17044501 & 17044502):

- Model A and Counter Rotation Model Z use 17044502 (DF90A use 17044503)

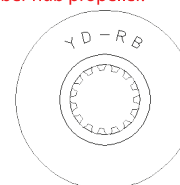
* DF50AV / DF60AV use 17044501

Note:

For DF50AV, DF60AV, DF 70A, DF 80A, DF 90, DF 90A, DF 100, DF 115, DF 115A, DF 140, DF 140A, please use 15 tooth spline rubber hub propeller. For DF 60, DF 70, DT 75-140, please use 13 tooth spline rubber hub propeller.



For
DF 60, DF 70
DT 75 - 140
Thrust Washer
13 Tooth Spline



For
DF 70A, DF 80A, DF 90,
DF 90A, DF 100, DF 115,
DF 115A, DF 140, DF 140A
Thrust Washer
15 Tooth Spline

Warning:

Those new engines DF70/DF100 between 2008~2009 and after 2009 might be with different fitting, consulting with your nearest dealer for more information.

E 150~300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DT 150 86 ~ 03

DT 200 86 ~ 00

DT 175 86 ~ 92

DT 225 86 ~ 03

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	4531-145-15
3	14 1/2	15	L	4532-145-15
3	14 1/4	17	R	4531-143-17
3	14 1/4	17	L	4532-143-17
3	14	19	R	4531-140-19
3	14	19	L	4532-140-19
3	14	21	R	4531-140-21
3	14	21	L	4532-140-21
3	14	23	R	4531-140-23
3	14	23	L	4532-140-23
3	14	25	R	4531-140-25

NEW SATURN-E Plus

Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	11	R	4531-156-11
3	15 5/8	13	R	4531-156-13
3	15 5/8	13	L	4532-156-13

HR TITAN3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	4551-150-14
3	15	14	L	4552-150-14
3	14 3/4	16	R	4551-148-16
3	14 3/4	16	L	4552-148-16
3	14 3/4	17	R	4551-148-17
3	14 3/4	17	L	4552-148-17
3	14 3/4	18	R	4551-148-18
3	14 3/4	18	L	4552-148-18
3	14 3/4	19	R	4551-148-19
3	14 3/4	19	L	4552-148-19
3	14 3/4	20	R	4551-148-20
3	14 3/4	20	L	4552-148-20
3	14 1/2	21	R	4551-145-21
3	14 1/2	21	L	4552-145-21
3	14 1/4	22	R	4551-143-22
3	14 1/4	22	L	4552-143-22
3	14	24	R	4551-140-24
3	14	24	L	4552-140-24


NEW SATURN
4531-140-19

HR TITAN3
4551-145-21

Recommended for
DF 150, 175, 200, 225, 250, 300 (ALL YEAR)

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	4553-145-15
4	14 1/2	15	L	4554-145-15
4	14 1/4	17	R	4553-143-17
4	14 1/4	17	L	4554-143-17
4	14 1/8	18	R	4553-141-18
4	14 1/8	18	L	4554-141-18
4	14 1/8	19	R	4553-141-19
4	14 1/8	19	L	4554-141-19
4	14	20	R	4553-140-20
4	14	20	L	4554-140-20
4	14	21	R	4553-140-21
4	14	21	L	4554-140-21
4	14	22	R	4553-140-22
4	14	22	L	4554-140-22
4	14	23	R	4553-140-23
4	14	23	L	4554-140-23
4	14	25	R	4553-140-25
4	14	25	L	4554-140-25
4	14	27	R	4553-140-27

LEXOR PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	4571-158-15
3	15 3/4	15	L	4572-158-15
3	15 5/8	16	R	4571-156-16
3	15 5/8	16	L	4572-156-16
3	15 1/2	17	R	4571-155-17
3	15 1/2	17	L	4572-155-17
3	15 3/8	18	R	4571-154-18
3	15 3/8	18	L	4572-154-18
3	15 1/4	19	R	4571-153-19
3	15 1/4	19	L	4572-153-19
3	15 1/8	20	R	4571-151-20
3	15 1/8	20	L	4572-151-20
3	15	21	R	4571-150-21
3	15	21	L	4572-150-21
3	14 7/8	22	R	4571-149-22
3	14 7/8	22	L	4572-149-22
3	14 3/4	23	R	4571-148-23
3	14 3/4	23	L	4572-148-23
3	14 1/2	25	R	4571-145-25
3	14 1/2	25	L	4572-145-25
3	14 1/2	27	R	4571-145-27
3	14 1/2	27	L	4572-145-27

PLUS LEXOR PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	17	R	4571-160-17
3	16	17	L	4572-160-17
3	16	19	R	4571-160-19
3	16	19	L	4572-160-19
3	15 3/4	21	R	4571-158-21
3	15 3/4	21	L	4572-158-21
3	15 5/8	23	R	4571-156-23
3	15 5/8	23	L	4572-156-23

LEXOR 4 Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	15 1/4	18	R	4573-153-18
4	15 1/4	18	L	4574-153-18
4	15 1/4	20	R	4573-153-20
4	15 1/4	20	L	4574-153-20
4	15 1/4	22	R	4573-153-22
4	15 1/4	22	L	4574-153-22
4	15 1/4	24	R	4573-153-24
4	15 1/4	24	L	4574-153-24
4	15 1/4	26	R	4573-153-26
4	15 1/4	26	L	4574-153-26
4	15 1/4	28	R	4573-153-28


HR TITAN4
4553-140-20

LEXOR
4571-148-23

LEXOR PLUS
4571-158-21

LEXOR 4
4573-153-22

Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cotter Pin (1/2pack)
SETW	SESP	YDWS	YENT	Cotter Pin (1/2pack)

KITS part #: 17045501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

E 150~300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DT 150 86 ~ 03

DT 200 86 ~ 00

DT 175 86 ~ 92

DT 225 86 ~ 03

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	4511-155-13
3	15	15	R	4511-150-15
3	15	15	L	4512-150-15
3	14.8	17	R	4511-148-17
3	14.8	17	L	4512-148-17
3	14.5	19	R	4511-145-19
3	14.5	19	L	4512-145-19
3	14.3	21	R	4511-143-21
3	14.3	21	L	4512-143-21
3	14.2	23	R	4511-142-23
3	14.2	23	L	4512-142-23

Recommended for
DF 150, 175, 200, 225, 250, 300 (ALL YEAR)

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	4511-160-13
3	15.8	15	R	4511-158-15
3	15.8	15	L	4512-158-15
3	15.5	17	R	4511-155-17
3	15.5	17	L	4512-155-17
3	15.3	19	R	4511-153-19
3	15.3	19	L	4512-153-19
3	15.3	21	R	4511-153-21
3	15.3	21	L	4512-153-21
3	15.3	23	R	4511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	4513-148-15
4	14.75	15	L	4514-148-15
4	14.5	17	R	4513-145-17
4	14.5	17	L	4514-145-17
4	14.25	19	R	4513-143-19
4	14.25	19	L	4514-143-19
4	14	21	R	4513-140-21
4	14	21	L	4514-140-21
4	14	23	R	4513-140-23



AMITA 3
4511-145-19



AMITA 3(E-Plus)
4511-153-21



AMITA 4
4513-143-19

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	SETW	SESP	YDWS	YENT	Epin(2")

KITS part # : 17045501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

A 9.9~20 Horsepower / 2-1/2" Gearcase (14 Tooth SPLINE & THRU HUB EXHAUST)

9.9 HP (2-Stroke) 1984~Newer 15 HP (2-Stroke) 1985~Newer 18 HP (2-Stroke) 1985~Newer 20 HP (4-Stroke) 2007~Newer
9.9 HP (4-Stroke) 00~03 15 HP (4-Stroke) 2000~Newer 18 HP (4-Stroke) 01~08
12 HP 85~88 MFS 9.9,15,18,20 (4-Stroke); MSFMFS 9.9,15,18,20

SATURN PROP Stainless steel 3 blade
Rubber Hub

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



5121-093-09

Thrust Washer (1/16")	Spacer (1/16")	Washer (2/16")	Nut (1/16")	Collar Pin (4/16")
TATW	N/A	TAW5	TANT	Apin(1 1/8")
A				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 25~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

MFS 25,30(4-Stroke) 25 HP 86 ~ 01 30 HP 85 ~ 01 30 HP TLDI 2016~ Newer
NSF 25,30(4-Stroke) 25 HP (4-Stroke) 02 ~ 30 HP (4-Stroke) 02 ~

SATURN PROP Stainless steel 3 blade
Rubber Hub

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



5221-100-11

NEW SATURN PROP Stainless steel 4 blade
Rubber Hub

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



5233-100-09

HR TITAN 4 PROP Stainless steel 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	5253-100-10
4	10	11	R	5253-100-11
4	10	12	R	5253-100-12



5253-100-11

Thrust Washer (1/16")	Spacer (1/16")	Washer (2/16")	Nut (1/16")	Collar Pin (4/16")
TBTW	N/A	TAW5	TANT	Apin(1 1/8")
B				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

2.5~3.5HP (Plastic Propeller)

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



0001- 073- 06- P

5 4 ~ 6 Horsepower

(12 Tooth Spline & Thru Hub Exhaust)

MFS4,5S,6S(4-Stroke) M5B(2-Stroke)

AMITA 3 Aluminum 3 blade Rubber Hub

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



5011- 078- 09

8 8~9.8 Horsepower (12 Tooth Spline & Thru Hub Exhaust)

8 HP (2 & 4-Stroke)2005~Newer

9.8 HP (2 & 4-Stroke).....2005~Newer

MFS8,9.8 (4-Stroke) NSF 8,9.8(4-Stroke)

AMITA 3 Aluminum 3 blade Rubber Hub

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 Aluminum 4 blade Rubber Hub

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



5011- 085- 08



5013- 087- 07

A 9.9~20 Horsepower / 2-1/2" Gearcase (14 Tooth SPLINE & THRU HUB EXHAUST)

9.9 HP (2-Stroke).....1984~Newer

9.9 HP (4-Stroke)00~03

12 HP..... 85~88

15 HP (2-Stroke) 1985~Newer

15 HP (4-Stroke)2000~Newer

MFS 9.9,15,18,20 (4-Stroke); MSFMFS 9.9,15,18,20

18 HP (2-Stroke)1985~Newer

18 HP (4-Stroke)01~08

20 HP (4-Stroke)2007~Newer

AMITA 3 Aluminum 3 blade Rubber Hub

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
3	9.25	13	R	5111- 093- 13

AMITA 4 Aluminum 4 blade Rubber Hub

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 Aluminum 4 blade Rubber Hub

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

5113- 100- 07



High Thrust Propeller

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



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 25~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

MFS 25,30(4-Stroke)

NSF 25,30(4-Stroke)

25 HP86 ~ 01

25 HP (4-Stroke) 02 ~

30 HP85 ~ 01

30 HP (4-Stroke) 02 ~

30 HP TLDI.....2016~ Newer

AMITA 3 Aluminum 3 blade Rubber Hub

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 Aluminum 4 blade Rubber Hub

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



5211- 099- 11



5213- 100- 13



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~50 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

35 HP (35B only) Thru 1984

40 HP 1984 & Newer

MFS 40HP 2015~Newer

50 HP (All except 50C) 1992 & Newer

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	5321-123-09
3	11 3/4	11	R	5321-118-11
3	11 1/2	12	R	5321-115-12
3	11 1/8	13	R	5321-111-13
3	11 1/8	14	R	5321-111-14
3	11	15	R	5321-110-15



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 60~140 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

60C HP(Large Gearcase) ~ 99

70C HP(Large Gearcase) ~ 99

70 HP TLDI02 ~ 09

75 HP TLDI10 ~

90 HP 87 ~ 01

90 HP TLDI 01 ~

115 HP92 ~ 01

115 HP TLDI 04 ~

120 HP 88 ~ 03

140 HP 88 ~ 03

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	3431-140-11
3	13 3/4	13	R	3431-138-13
3	13 1/2	15	R	3431-135-15
3	13 1/4	17	R	3431-133-17
3	13	19	R	3431-130-19
3	13	21	R	3431-130-21

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	3441-138-13
3	13 3/4	15	R	3441-138-15
3	13 1/4	17	R	3441-133-17
3	13 1/4	19	R	3441-133-19

HRTITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	3453-135-13
4	13 1/4	15	R	3453-133-15
4	13	17	R	3453-130-17
4	13	19	R	3453-130-19
4	13	21	R	3453-130-21



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

D 60~90 Horsepower / 4-1/4" Gearcase (15 Tooth Spline)

BFT6014 ~

BFT7514 ~

BFT9014 ~

BFW60 14~

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	6431-140-11
3	13 3/4	13	R	6431-138-13
3	13 3/4	13	L	6432-138-13
3	13 1/2	15	R	6431-135-15
3	13 1/2	15	L	6432-135-15
3	13 1/4	17	R	6431-133-17
3	13 1/4	17	L	6432-133-17
3	13	19	R	6431-130-19
3	13	19	L	6432-130-19
3	13	21	R	6431-130-21

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	6441-138-13
3	13 3/4	13	L	6442-138-13
3	13 3/4	15	R	6441-138-15
3	13 3/4	15	L	6442-138-15
3	13 1/4	17	R	6441-133-17
3	13 1/4	17	L	6442-133-17
3	13 1/4	19	R	6441-133-19
3	13 1/4	19	L	6442-133-19

HRTITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	6453-135-13
4	13 1/4	15	R	6453-133-15
4	13	17	R	6453-130-17
4	13	19	R	6453-130-19
4	13	21	R	6453-130-21



Prop hardware for pressed in hub propeller.



6453-130-19

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~50 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

35 HP (35B only) Thru 1984

40 HP 1984 & Newer

MFS 40HP 2015~Newer

50 HP (All except 50C) 1992 & Newer

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12.2	7	R	5311-122-07
3	12.2	8	R	5311-122-08
3	12.1	9	R	5311-121-09
3	11.8	10	R	5311-118-10
3	11.6	11	R	5311-116-11
3	11.4	12	R	5311-114-12
3	11.1	13	R	5311-111-13
3	11.1	14	R	5311-111-14
3	11	15	R	5311-110-15
3	11	16	R	5311-110-16
3	11	17	R	5311-110-17

AMITA 3-C Plus Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	5311-120-10
3	11.8	11	R	5311-118-11
3	11.6	12	R	5311-116-12
3	11.6	13	R	5311-116-13
3	11.6	14	R	5311-116-14
3	11.4	15	R	5311-114-15
3	11.4	16	R	5311-114-16

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	11.8	9	R	5313-118-09
4	11.4	10	R	5313-114-10
4	11.1	11	R	5313-111-11
4	10.8	12	R	5313-108-12
4	10.5	13	R	5313-105-13
4	10.5	14	R	5313-105-14



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 60~140 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

60C HP (Large Gearcase) ~ 99

90 HP 87 ~ 01

120 HP 88 ~ 03

70C HP (Large Gearcase) ~ 99

90 HP TLDI 01 ~

140 HP 88 ~ 03

70 HP TLDI 02 ~ 09

115 HP 92 ~ 01

75 HP TLDI 10 ~

115 HP TLDI 04 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	3411-140-09
3	14	11	R	3411-140-11
3	13.75	13	R	3411-138-13
3	13.5	14	R	3411-135-14
3	13.5	15	R	3411-135-15
3	13.5	16	R	3411-135-16
3	13.25	17	R	3411-133-17
3	13.25	18	R	3411-133-18
3	13	19	R	3411-130-19
3	13	21	R	3411-130-21

AMITA 3 Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	3411-132-19
3	13.2	21	R	3411-132-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	3413-133-13
4	13	15	R	3413-130-15
4	12.75	17	R	3413-128-17
4	12.5	19	R	3413-125-19
4	12.5	21	R	3413-125-21



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

D 60~90 Horsepower / 4-1/4" Gearcase (15 Tooth Spline)

BFT60 14 ~

BFT75 14 ~

BFT90 14 ~

BFW60 14 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	6411-140-09
3	14	11	R	6411-140-11
3	13.75	13	R	6411-138-13
3	13.75	13	L	6412-138-13
3	13.5	14	R	6411-135-14
3	13.5	15	R	6411-135-15
3	13.5	15	L	6412-135-15
3	13.5	16	R	6411-135-16
3	13.25	17	R	6411-133-17
3	13.25	17	L	6412-133-17
3	13.25	18	R	6411-133-18
3	13	19	R	6411-130-19
3	13	21	R	6411-130-21

AMITA 3 Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	6411-132-19
3	13.2	21	R	6411-132-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	6413-133-13
4	13	15	R	6413-130-15
4	12.75	17	R	6413-128-17
4	12.5	19	R	6413-125-19
4	12.5	21	R	6413-125-21



Prop hardware for pressed in hub propeller.



6413-128-17

E 115~250 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BFT1152014 & Newer

BFT1502014 & Newer

BFT2002014 & Newer

BFT2252014 & Newer

BFT250.....2014 & Newer

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

NEW SATURN-E Plus

Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	11	R	1531-156-11
3	15 5/8	13	R	1531-156-13
3	15 5/8	13	L	1532-156-13

HR TITAN3 PROP Stainless steel 3 blade Rubber Hub

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

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	1553-145-15
4	14 1/2	15	L	1554-145-15
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

LEXOR Stainless steel 3 blade Rubber Hub

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

Scorpion Stainless steel 3 blade Rubber Hub

Check the RUBEX chart
S3 Prop for SCORPION.
www.rubexprops.com



	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part

Prop hardware for pressed in hub propeller.

E 115~250 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BFT1152014 & Newer

BFT1502014 & Newer

BFT2002014 & Newer

BFT2252014 & Newer

BFT250.....2014 & Newer

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
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

AMITA 3-E Plus Aluminum 3 blade Plus Rubber Hub

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
3	15.5	17	R	1511-155-17
3	15.5	17	L	1512-155-17
3	15.3	19	R	1511-153-19
3	15.3	19	L	1512-153-19
3	15.3	21	R	1511-153-21
3	15.3	21	L	1512-153-21
3	15.3	23	R	1511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

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



1511-143-21



1511-153-19



1513-140-21

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part

Prop hardware for pressed in hub propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

A 8~20 Horsepower / 2-1/2" Gearcase (8 Tooth SPLINE & THRU HUB EXHAUST)

BF 8 HP 00 ~
BF 9.9 HP 88 ~

BF 15 HP..... 91 ~
BF 20 HP..... 03 ~

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	3121-093-07
3	9 1/4	8	R	3121-093-08
3	9 1/4	9	R	3121-093-09
3	9 1/4	10	R	3121-093-10
3	9 1/4	11	R	3121-093-11
3	9 1/4	12	R	3121-093-12



SATURN
3121-093-09

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
A	HATW	N/A	YAWS	YANT	Apin(1 1/8")
KITS part #: 17061501					

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 25~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

BF 25 HP 94 ~

BF 30 HP 95 ~

SATURN PROP Stainless steel 3 blade Rubber Hub

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



5221-100-11

NEW SATURN PROP Stainless steel 4 blade Rubber Hub

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



5233-100-09

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	5253-100-10
4	10	11	R	5253-100-11
4	10	12	R	5253-100-12



5253-100-11

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
B	HBTW	N/A	Y8WS	Y8NT	Apin(1 1/8")
KITS part #: 17062501					

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

5 4/ 5/ 6 Horsepower (Pin Drive)

BF4/5/6All Year

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	7 7/8	5 7/8	R	6011- 079-05P
3	7 7/8	6 3/4	R	6011- 079-06P
3	7 7/8	7 1/2	R	6011- 079-07P



Rubber Hub: H5-RB
P/N: 170600

BF2 Series (Plastic Propeller)

BF2 SeriesAll Year

B	D	P	R	PART NO.
3	7 1/4	6	R	6001- 073- 06- P



6001-073-06-P

7.5~10 Horsepower (Pin Drive)

BF 7.5.....78 ~87 BF 8.....87 ~99 BF 100 (10HP).....All Years

AMITA 3 Aluminum 3 blade
Rubber Hub

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



Rubber Hub: POA-RB2
P/N: 1798102

A 8~20 Horsepower / 2-1/2" Gearcase (8 Tooth SPLINE & THRU HUB EXHAUST)

BF 8 HP 00 ~

BF 15 HP..... 91 ~

BF 9.9 HP 88 ~

BF 20 HP..... 03 ~

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	3111-093- 07
3	9.25	8	R	3111-093- 08
3	9.25	9	R	3111-093- 09
3	9.25	10	R	3111-093- 10
3	9.25	11	R	3111-093- 11
3	9.25	12	R	3111-093- 12

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	3113-093- 07
4	9.25	8	R	3113-093- 08
4	9.25	9	R	3113-093- 09
4	9.25	10	R	3113-093- 10
4	9.25	11	R	3113-093- 11

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	3113-100- 05
4	10	7	R	3113-100- 07



3111-093-10



3113-093-10

3113-100-07



High Thrust Propeller

Excellent forward and reverse thrust.

Ideal for kicker/auxiliary engines with heavy loads

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Collar Pin (4/pack)
HATW	N/A	YAWS	YANT	Apin(1 1/8")

KITS part # : 17061501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 25~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

BF 25 HP 94 ~

BF 30 HP 95 ~

AMITA 3 Aluminum 3 blade
Rubber Hub

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 Aluminum 4 blade
Rubber Hub

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



5211-099-11



5213-100-13

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Collar Pin (4/pack)
HBTW	N/A	YBWS	YBNT	Apin(1 1/8")

KITS part # : 17062501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~60 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

BF 35 HP 91 ~ 94
BF 40 HP 95 ~
BF 45 HP 91 ~ 94

BF 50/50A HP 95 ~
BF 60 10 ~

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	3331-120-08
3	12	9	R	3331-120-09
3	11 7/8	10	R	3331-119-10
3	11 5/8	11	R	3331-116-11
3	11 3/8	12	R	3331-114-12
3	11 1/8	13	R	3331-111-13
3	11 1/8	14	R	3331-111-14
3	11	15	R	3331-110-15

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	3321-123-09
3	11 3/4	11	R	3321-118-11
3	11 1/2	12	R	3321-115-12
3	11 1/8	13	R	3321-111-13
3	11 1/8	14	R	3321-111-14
3	11	15	R	3321-110-15



KITS part # : 17063501
Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.



3331-110-15



3321-111-13

D 60~130 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BFP 60 HP 10 ~
BF 75 HP 95 ~
BF 90 HP 95 ~

BF 115 HP 98 ~ 10
BF 130 HP 98 ~ 04

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	6431-140-11
3	13 3/4	13	R	6431-138-13
3	13 3/4	13	L	6432-138-13
3	13 1/2	15	R	6431-135-15
3	13 1/2	15	L	6432-135-15
3	13 1/4	17	R	6431-133-17
3	13 1/4	17	L	6432-133-17
3	13	19	R	6431-130-19
3	13	19	L	6432-130-19
3	13	21	R	6431-130-21

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	6441-138-13
3	13 3/4	13	L	6442-138-13
3	13 3/4	15	R	6441-138-15
3	13 3/4	15	L	6442-138-15
3	13 1/4	17	R	6441-133-17
3	13 1/4	17	L	6442-133-17
3	13 1/4	19	R	6441-133-19
3	13 1/4	19	L	6442-133-19

HRTITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	6453-135-13
4	13 1/4	15	R	6453-133-15
4	13	17	R	6453-130-17
4	13	19	R	6453-130-19
4	13	21	R	6453-130-21



6431-133-17



6441-133-17



6453-130-19

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
HDTW		YDWS	YENT	EPIN
D	Installed on Prop			
KITS part # : 17064501				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

C 35~60 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

BF 35 HP 91 ~ 94
BF 40 HP 95 ~
BF 45 HP 91 ~ 94

BF 50/50A HP 95 ~
BF 60 10 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12.2	7	R	3311-122-07
3	12.2	8	R	3311-122-08
3	12.1	9	R	3311-121-09
3	11.8	10	R	3311-118-10
3	11.6	11	R	3311-116-11
3	11.4	12	R	3311-114-12
3	11.1	13	R	3311-111-13
3	11.1	14	R	3311-111-14
3	11	15	R	3311-110-15
3	11	16	R	3311-110-16
3	11	17	R	3311-110-17



3311-110-15

AMITA 3-C Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	3311- 120- 10
3	11.8	11	R	3311- 118- 11
3	11.6	12	R	3311- 116- 12
3	11.6	13	R	3311- 116- 13
3	11.6	14	R	3311- 116- 14
3	11.4	15	R	3311- 114- 15
3	11.4	16	R	3311- 114- 16



3311-116-13

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	11.8	9	R	3313-118-09
4	11.4	10	R	3313-114-10
4	11.1	11	R	3313-111-11
4	10.8	12	R	3313-108-12
4	10.5	13	R	3313-105-13
4	10.5	14	R	3313-105-14



3313-105-14

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
HCTW	YCSP	YDWS	YCNT	Cpin(1 1/2")
KITS part # : 17063501				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 60~130 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BFP 60 HP..... 10 ~
BF 75 HP 95 ~
BF 90 HP 95 ~

BF 115 HP 98 ~ 10
BF 130 HP 98 ~ 04
BF 80 HP 13 ~

BF 100 HP 13 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	6411-140-09
3	14	11	R	6411-140-11
3	13.75	13	R	6411-138-13
3	13.75	13	L	6412-138-13
3	13.5	14	R	6411-135-14
3	13.5	15	R	6411-135-15
3	13.5	15	L	6412-135-15
3	13.5	16	R	6411-135-16
3	13.25	17	R	6411-133-17
3	13.25	17	L	6412-133-17
3	13.25	18	R	6411-133-18
3	13	19	R	6411-130-19
3	13	21	R	6411-130-21



6411-133-17

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	6411- 132- 19
3	13.2	21	R	6411- 132- 21



6411-132-19

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	6413- 133- 13
4	13	15	R	6413- 130- 15
4	12.75	17	R	6413- 128- 17
4	12.5	19	R	6413- 125- 19
4	12.5	21	R	6413- 125- 21



6413-128-17

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
HDTW		YDWS	YENT	EPIN
Installed on Prop				
KITS part # : 17064501				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub Dseries propeller.

E 115~250 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BF 115 HP	11 ~	150 HP	04 ~	225 HP	02 ~
BF 135 HP	04 ~	200 HP	02 ~	250 HP	12 ~

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

NEW SATURN-E Plus

Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	11	R	1531-156-11
3	15 5/8	13	R	1531-156-13
3	15 5/8	13	L	1532-156-13

HR TITAN3 PROP Stainless steel 3 blade Rubber Hub

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

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	1553-145-15
4	14 1/2	15	L	1554-145-15
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

LEXOR Stainless steel 3 blade Rubber Hub

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

Scorpion Stainless steel 3 blade Rubber Hub

Check the RUBEX chart
S3 Prop for SCORPION.
www.rubexprops.com



Thrust Washer (1 pack)	Spacer (1 pack)	Washer (2 pack)	Nut (1 pack)	Collet Pin (4 pack)
HETW	HESP	N/A	YENT	EPIN
KITS part # : 17065501				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

E 115~250 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BF 115 HP11 ~
BF 135 HP04 ~

150 HP 04 ~
200 HP 02 ~

225 HP 02 ~
250 HP.....12 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
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

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

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
3	15.5	17	R	1511-155-17
3	15.5	17	L	1512-155-17
3	15.3	19	R	1511-153-19
3	15.3	19	L	1512-153-19
3	15.3	21	R	1511-153-21
3	15.3	21	L	1512-153-21
3	15.3	23	R	1511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

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



1511-143-21



1511-153-19



1513-140-21

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
HETW	HESP	N/A	YENT	EPIN
				
KITS part # : 17065501				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

Volvo Penta Aquamatic SP Stern Drive

E Aquamatic (Long Hub) 17 Tooth Spline

AQ 280
AQ 290

SATURN PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	15 1/2	15	R	8823-155-15
4	15 1/2	15	L	8824-155-15
4	15 1/2	17	R	8823-155-17
4	15 1/2	17	L	8824-155-17
4	15 1/2	19	R	8823-155-19
4	15 1/2	19	L	8824-155-19



8823-155-19

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	15	R	8831-150-15
3	15	15	L	8832-150-15
3	15	17	R	8831-150-17
3	15	17	L	8832-150-17
3	15	19	R	8831-150-19
3	15	19	L	8832-150-19
3	15	21	R	8831-150-21
3	15	21	L	8832-150-21



8831-150-19

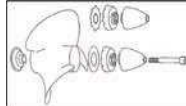
TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15 5/8	15	R	8841-156-15
3	15 5/8	15	L	8842-156-15
3	15 5/8	17	R	8841-156-17
3	15 5/8	17	L	8842-156-17
3	15 5/8	19	R	8841-156-19
3	15 5/8	19	L	8842-156-19
3	15 5/8	21	R	8841-156-21
3	15 5/8	21	L	8842-156-21
3	15 5/8	23	R	8841-156-23
3	15 5/8	23	L	8842-156-23



8841-156-21

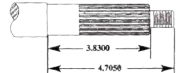
Standard Hub Installation



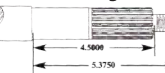
Long Hub Installation



VOLVO Standard Shaft



VOLVO Long Shaft



OMC, Volvo Penta SX Drive

E SX Drive (19 Tooth Spline)

3.0 L, 4.3 L, 5.0L, 5.7L, 5.8L, 7.4L, 8.2L

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Collar Pin (4/pack)
E	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part

Prop hardware for pressed in hub propeller.

HR TITAN 3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	8651-150-14
3	15	14	L	8652-150-14
3	14 3/4	16	R	8651-148-16
3	14 3/4	16	L	8652-148-16
3	14 3/4	17	R	8651-148-17
3	14 3/4	17	L	8652-148-17
3	14 3/4	18	R	8651-148-18
3	14 3/4	18	L	8652-148-18
3	14 3/4	19	R	8651-148-19
3	14 3/4	19	L	8652-148-19
3	14 3/4	20	R	8651-148-20
3	14 3/4	20	L	8652-148-20
3	14 1/2	21	R	8651-145-21
3	14 1/2	21	L	8652-145-21
3	14 1/4	22	R	8651-143-22
3	14 1/4	22	L	8652-143-22
3	14	24	R	8651-140-24
3	14	24	L	8652-140-24

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	8653-145-15
4	14 1/2	15	L	8654-145-15
4	14 1/4	17	R	8653-143-17
4	14 1/4	17	L	8654-143-17
4	14 1/8	18	R	8653-141-18
4	14 1/8	18	L	8654-141-18
4	14 1/8	19	R	8653-141-19
4	14 1/8	19	L	8654-141-19
4	14	20	R	8653-140-20
4	14	20	L	8654-140-20
4	14	21	R	8653-140-21
4	14	21	L	8654-140-21
4	14	22	R	8653-140-22
4	14	22	L	8654-140-22
4	14	23	R	8653-140-23
4	14	23	L	8654-140-23
4	14	25	R	8653-140-25
4	14	25	L	8654-140-25
4	14	27	R	8653-140-27



8651-148-19



8653-140-21

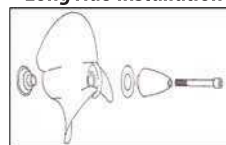
* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

Volvo Penta Aquamatic SP Stern Drive

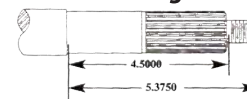
E Aquamatic (Long Hub) 17 Tooth Spline

AQ 280
AQ 290

Long Hub Installation



VOLVO Long Shaft



AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	8811-155-13
3	15	15	R	8811-150-15
3	15	15	L	8812-150-15
3	14.8	17	R	8811-148-17
3	14.8	17	L	8812-148-17
3	14.5	19	R	8811-145-19
3	14.5	19	L	8812-145-19
3	14.3	21	R	8811-143-21
3	14.3	21	L	8812-143-21
3	14.2	23	R	8811-142-23
3	14.2	23	L	8812-142-23

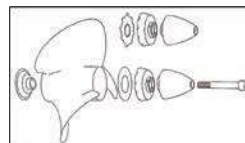
AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	8811-160-13
3	15.8	15	R	8811-158-15
3	15.8	15	L	8812-158-15
3	15.5	17	R	8811-155-17
3	15.5	17	L	8812-155-17
3	15.3	19	R	8811-153-19
3	15.3	19	L	8812-153-19
3	15.3	21	R	8811-153-21
3	15.3	21	L	8812-153-21

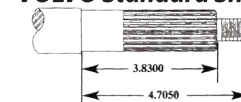
8811-153-19



Standard Hub Installation



VOLVO Standard Shaft



E Aquamatic (Standard Hub)(Short Hub) 17 Tooth Spline

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	15	L	8712-150-15
3	14.8	17	L	8712-148-17
3	14.5	19	L	8712-145-19
3	14.3	21	L	8712-143-21

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.8	15	L	8712-158-15
3	15.5	17	L	8712-155-17
3	15.3	19	L	8712-153-19
3	15.3	21	L	8712-153-21

8712-153-19



AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	L	8714-148-15
4	14.5	17	L	8714-145-17
4	14.25	19	L	8714-143-19
4	14	21	L	8714-140-21

OMC, Volvo Penta SX Drive

E SX Drive (19 Tooth Spline)

3.0 L, 4.3 L, 5.0L, 5.7L, 5.8L, 7.4L, 8.2L

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part

Prop hardware for pressed in hub propeller.

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	8611-155-13
3	15	15	R	8611-150-15
3	15	15	L	8612-150-15
3	14.8	17	R	8611-148-17
3	14.8	17	L	8612-148-17
3	14.5	19	R	8611-145-19
3	14.5	19	L	8612-145-19
3	14.3	21	R	8611-143-21
3	14.3	21	L	8612-143-21
3	14.2	23	R	8611-142-23
3	14.2	23	L	8612-142-23

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	8611-160-13
3	15.8	15	R	8611-158-15
3	15.8	15	L	8612-158-15
3	15.5	17	R	8611-155-17
3	15.5	17	L	8612-155-17
3	15.3	19	R	8611-153-19
3	15.3	19	L	8612-153-19
3	15.3	21	R	8611-153-21
3	15.3	21	L	8612-153-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	8613-148-15
4	14.75	15	L	8614-148-15
4	14.5	17	R	8613-145-17
4	14.5	17	L	8614-145-17
4	14.25	19	R	8613-143-19
4	14.25	19	L	8614-143-19
4	14	21	R	8613-140-21
4	14	21	L	8614-140-21
4	14	23	R	8613-140-23



8611-143-21



8611-153-19



8613-140-21

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

Volvo Penta Dual Props (Front 27 Tooth Spline; Rear 19 Tooth Spline)

DP 280, DP 290

Aluminum Propellers

Aluminum 3 blade
Rubber Hub

Front propeller

B	D	P		PART NO.
3	15.5	17	Front	8512-155-17
3	15.3	19	Front	8512-153-19
3	15.3	21	Front	8512-153-21



Front propeller

Aluminum 4 blade
Rubber Hub

Rear propeller

B	D	P		PART NO.
4	13.75	17	Rear	8513-138-17
4	13.75	19	Rear	8513-138-19
4	13.75	21	Rear	8513-138-21



Rear propeller

Stainless Steel Propellers

Stainless steel 3 blade
Rubber Hub

Front propeller

B	D	P		PART NO.
3	15	15	Front	8532-150-15
3	15	17	Front	8532-150-17
3	15	19	Front	8532-150-19
3	15	21	Front	8532-150-21
3	15.5	23	Front	8532-155-23
3	15.5	25	Front	8532-155-25



Front propeller

Stainless steel 3 blade
Rubber Hub

Rear propeller

B	D	P		PART NO.
3	13.9	15	Rear	8551-139-15
3	13.9	17	Rear	8551-139-17
3	13.9	19	Rear	8551-139-19
3	13.9	21	Rear	8551-139-21
3	13.9	23	Rear	8551-139-23
3	13.9	25	Rear	8551-139-25



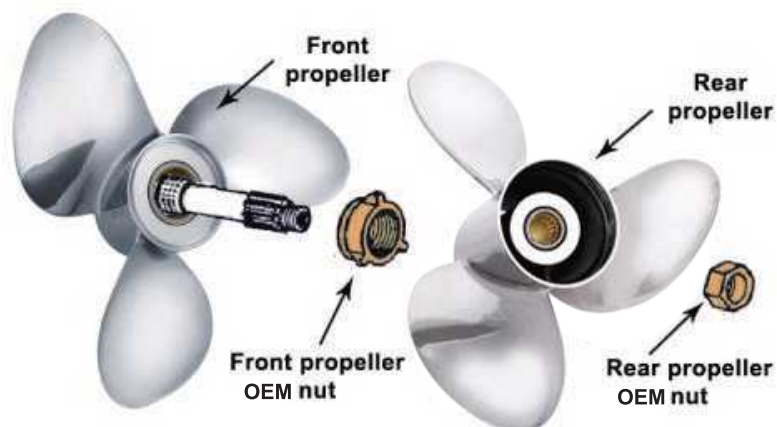
Rear propeller

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part

Prop hardware for pressed in hub propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

Volvo Penta Dual Props



Volvo Penta A ,B & C Series DP280,290 Drive



Aluminum Props



Stainless Steel Props

Volvo Dual Props may require special tools to install. This prop requires OEM hardware to install. Please consult OEM manual for proper installation and for torque specs.

Application Chart

Volvo Part#	Front propellers	Rear propellers
A3	8512-155-17	8513-138-17
A4	8512-155-17	8513-138-19
A5	8512-153-19	8513-138-19
A6	8512-153-19	8513-138-21
A7	8512-153-21	8513-138-21
B3	8512-155-17	8513-138-17
B4	8512-153-19	8513-138-19
B5	8512-153-19	8513-138-21
B6	8512-153-21	8513-138-21
C2	8532-150-15	8551-139-15
C3	8532-150-17	8551-139-17
C4	8532-150-19	8551-139-19
C5	8532-150-19	8551-139-21
C6	8532-150-21	8551-139-21
C7	8532-155-23	8551-139-23
	8532-155-25	8551-139-25

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

A 9.9~15 Horsepower (8 Tooth Spline & Thru Hub Exhaust)

F9.9/15

T9.9/15

SATURN PROP Stainless steel 3 blade
 Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	3121-093-07
3	9 1/4	8	R	3121-093-08
3	9 1/4	9	R	3121-093-09
3	9 1/4	10	R	3121-093-10
3	9 1/4	11	R	3121-093-11
3	9 1/4	12	R	3121-093-12



3121-093-09

B 20~30 Horsepower (10 Tooth Spline & Thru Hub Exhaust)

F20/25

T20/25/30

NEW SATURN PROP Stainless steel 3 blade
 Rubber Hub

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



3231-101-13

SATURN PROP Stainless steel 3 blade
 Rubber Hub

B	D	P	R	PART NO.
3	10	8	R	3221-100-08
3	10	9	R	3221-100-09
3	10	10	R	3221-100-10
3	10	11	R	3221-100-11
3	10	12	R	3221-100-12
3	10	13	R	3221-100-13



3221-100-10

NEW SATURN PROP Stainless steel blade
 Rubber Hub

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

HR TITAN 4 PROP Stainless steel 4 blade
 Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	3253-100-10
4	10	11	R	3253-100-11
4	10	12	R	3253-100-12



3253-100-11

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

2.5/ 5 Horsepower (9 Tooth Spline & Thru Hub Exhaust; Spline Drive)

F2.6

F4/5

T2.5/3.6

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	7.25	5	R	3011-073-05S
3	7.5	7	R	3011-075-07S



3011-073-05S

8 6~8 Horsepower

(7 Tooth Spline & Thru Hub Exhaust)

F6/8/9.8

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	8.5	7	R	3011-085-07
3	8.5	8	R	3011-085-08
3	8.5	9	R	3011-085-09



3011-085-08

8 4 ~ 9.8 Horsepower

(12 Tooth Spline & Thru Hub Exhaust)

T4/5/5.8

T6/8/9.8

AMITA 3 Aluminum 3 blade
Rubber Hub

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

AMITA 3 Aluminum 3 blade
Rubber Hub

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



5011-078-09



5011-085-08

A 9.9~15 Horsepower (8 Tooth Spline & Thru Hub Exhaust)

F9.9/15

T9.9/15

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	3111-093-07
3	9.25	8	R	3111-093-08
3	9.25	9	R	3111-093-09
3	9.25	10	R	3111-093-10
3	9.25	11	R	3111-093-11
3	9.25	12	R	3111-093-12

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	3113-093-07
4	9.25	8	R	3113-093-08
4	9.25	9	R	3113-093-09
4	9.25	10	R	3113-093-10
4	9.25	11	R	3113-093-11



3111-093-10



3113-093-10

B 20~30 Horsepower (10 Tooth Spline & Thru Hub Exhaust)

F20/25

T20/25/30

AMITA 3 Aluminum 3 blade
Rubber Hub

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

AMITA 4 Aluminum 4 blade
Rubber Hub

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



3211-099-12



3213-100-13

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~40 Horsepower (13 Tooth Spline & Thru Hub Exhaust)

T35/40

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	3331-120-08
3	12	9	R	3331-120-09
3	11 7/8	10	R	3331-119-10
3	11 5/8	11	R	3331-116-11
3	11 3/8	12	R	3331-114-12
3	11 1/8	13	R	3331-111-13
3	11 1/8	14	R	3331-111-14
3	11	15	R	3331-110-15



3331-110-15

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	3321-123-09
3	11 3/4	11	R	3321-118-11
3	11 1/2	12	R	3321-115-12
3	11 1/8	13	R	3321-111-13
3	11 1/8	14	R	3321-111-14
3	11	15	R	3321-110-15



3321-111-13

D 75~90 Horsepower (15 Tooth Spline & Thru Hub Exhaust)

T75/85/90

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	3431-140-11
3	13 3/4	13	R	3431-138-13
3	13 3/4	13	L	3432-138-13
3	13 1/2	15	R	3431-135-15
3	13 1/2	15	L	3432-135-15
3	13 1/4	17	R	3431-133-17
3	13 1/4	17	L	3432-133-17
3	13	19	R	3431-130-19
3	13	19	L	3432-130-19
3	13	21	R	3431-130-21



3431-133-17

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	3441-138-13
3	13 3/4	13	L	3442-138-13
3	13 3/4	15	R	3441-138-15
3	13 3/4	15	L	3442-138-15
3	13 1/4	17	R	3441-133-17
3	13 1/4	17	L	3442-133-17
3	13 1/4	19	R	3441-133-19
3	13 1/4	19	L	3442-133-19



3441-133-17

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	3453-135-13
4	13 1/2	13	L	3454-135-13
4	13 1/4	15	R	3453-133-15
4	13 1/4	15	L	3454-133-15
4	13	17	R	3453-130-17
4	13	17	L	3454-130-17
4	13	19	R	3453-130-19
4	13	19	L	3454-130-19
4	13	21	R	3453-130-21
4	13	21	L	3454-130-21



3453-130-17

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~40 Horsepower (13 Tooth Spline & Thru Hub Exhaust)

T35/40

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12.2	7	R	3311-122-07
3	12.2	8	R	3311-122-08
3	12.1	9	R	3311-121-09
3	11.6	11	R	3311-116-11
3	11.4	12	R	3311-114-12
3	11.1	13	R	3311-111-13
3	11.1	14	R	3311-111-14
3	11	15	R	3311-110-15
3	11	16	R	3311-110-16
3	11	17	R	3311-110-17



3311-110-15

AMITA 3-C Aluminum 3 blade Plus Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	3311-120-10
3	11.8	11	R	3311-118-11
3	11.6	12	R	3311-116-12
3	11.6	13	R	3311-116-13
3	11.6	14	R	3311-116-14
3	11.4	15	R	3311-114-15
3	11.4	16	R	3311-114-16



3311-116-13

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	11.8	9	R	3313-118-09
4	11.4	10	R	3313-114-10
4	11.1	11	R	3313-111-11
4	10.8	12	R	3313-108-12
4	10.5	13	R	3313-105-13
4	10.5	14	R	3313-105-14



3313-105-14

D 75~90 Horsepower (15 Tooth Spline & Thru Hub Exhaust)

T75/85/90

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	3411-140-09
3	14	11	R	3411-140-11
3	13.75	13	R	3411-138-13
3	13.75	13	L	3412-138-13
3	13.5	14	R	3411-135-14
3	13.5	15	R	3411-135-15
3	13.5	15	L	3412-135-15
3	13.5	16	R	3411-135-16
3	13.25	17	R	3411-133-17
3	13.25	17	L	3412-133-17
3	13.25	18	R	3411-133-18
3	13	19	R	3411-130-19
3	13	21	R	3411-130-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	3413-133-13
4	13	15	R	3413-130-15
4	12.75	17	R	3413-128-17
4	12.5	19	R	3413-125-19
4	12.5	21	R	3413-125-21



3411-133-17



3413-125-19

APPLICATION CHART

CATEGORY	MODEL	PROPELLER SIZE	PARSUN PART NO	YAMAHA PART NO	TOHATSU PART NO	SOLAS
2.5 3 5	F2.6	3 - 7 1/2" x 7"	F4-03070000	6E0-45943-01-EL		3011-075-07S
		3 - 7 1/4" x 6"	F2.6-03010000	6L5-45943-00-EL		3011-073-05S
	F4/5	3 - 7 1/2" x 7"	F4-03070000	6E0-45943-01-EL		3011-075-07S
		3 - 7 1/4" x 6"	F2.6-03010000	6L5-45943-00-EL		3011-073-05S
	T2.5/3.6	3 - 7 1/2" x 7"	F4-03070000	6E0-45943-01-EL		3011-075-07S
		3 - 7 1/4" x 6"	F2.6-03010000	6L5-45943-00-EL		3011-073-05S
8	T4/5/5.8	3 - 7.8" x 8.0"	T5-03030000		3R1W64516-0	5011-078-09
	T6/8/9.8	3 - 8.9" x 8.3"	F8-04050000		3B2B64517-1	5011-085-08
	F6/8/9.8	3 - 8.9" x 8.3"	F8-04050000		3B2B64517-1	3011-085-08
A	F9.9/15	3 - 9 1/4" x 11"	F15-06090000-11	63V-45943-00-EL		3111-093-11
	T9.9/15	3 - 9 1/4" x 8"	F15-06090000-8	63V-45947-00-EL		3111-093-08
B	F20/25	3 - 9 7/8" x 11 1/4"	F25-0408000	664-45947-01-EL		3211-099-11
	T20/25/30	3 - 9 7/8" x 11 1/4"	F25-0408000	664-45947-01-EL		3211-099-11
C	T35/40	3 - 11 1/8" x 13"	T40-04070000	663-45945-02-EL		3311-111-13
D	T75/85/90	3 - 13 1/4" x 17"	T85-04020000-17	6E5-45945-01-EL		3411-133-17
		3 - 13 5/8" x 13"	T85-04020000-13	6E5-45949-00-EL		3411-138-13

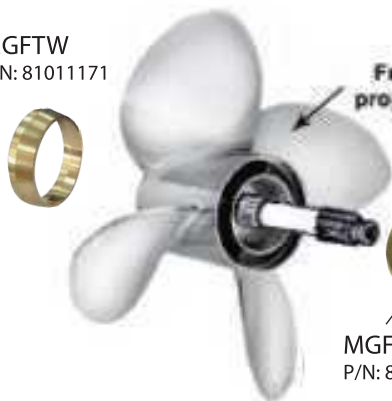
YANMAR ZT350 and ZT370 Stern Drive

B3

**Stainless steel 3/4 blade
Rubber Hub**

B	D	P	R	PART NO.
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
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

MGFTW
P/N: 81011171



Front
propeller

MGRTW
P/N: 81011172

MGFNT
P/N: 81141171

Rear
propeller

MGRNT
P/N: 81141172

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

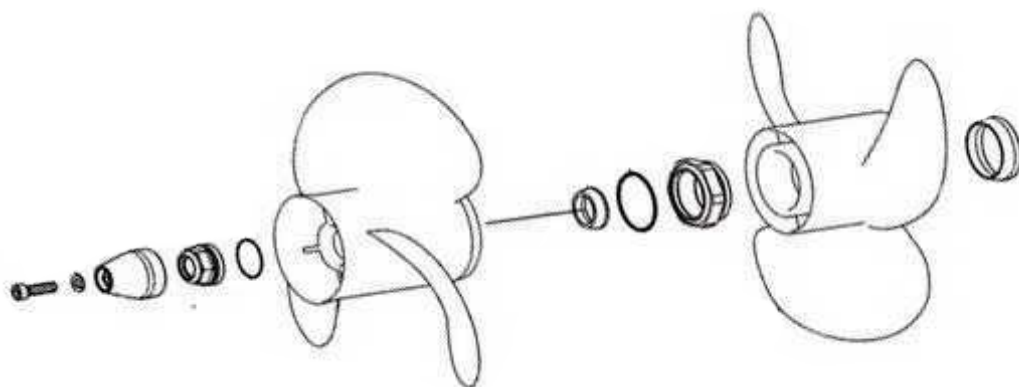
SOLAS B3 **Dual Props**



* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.



YANMAR ZT350 and ZT370 Stern Drive

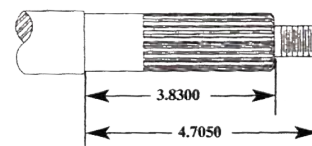
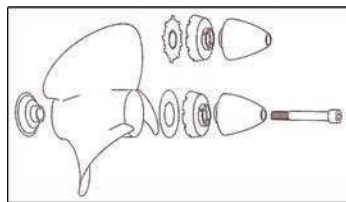


Props may require special tools to install. Please consult OEM manual for proper installation and for torque specs. Use Yanmar Propeller hardware only.

● APPLICATION CHART ●

Solas Part #	B	D	P	ROTATION	Front or Rear	Yanmar Part #
1651-144-20	3	14 3/8	20	R	REAR PROP	196350-09400
1651-144-21	3	14 3/8	21	R	REAR PROP	
1651-143-22	3	14 1/4	22	R	REAR PROP	196350-09720
1651-143-23	3	14 1/4	23	R	REAR PROP	
1651-140-24	3	14	24	R	REAR PROP	196350-09740
1651-140-25	3	14	25	R	REAR PROP	
1651-140-26	3	14	26	R	REAR PROP	196350-09760
1651-138-27	3	13 3/4	27	R	REAR PROP	
1651-138-28	3	13 3/4	28	R	REAR PROP	196350-09780
1654-160-20	4	16	20	L	FRONT PROP	196350-09400
1654-160-21	4	16	21	L	FRONT PROP	
1654-158-22	4	15 3/4	22	L	FRONT PROP	196350-09420
1654-158-23	4	15 3/4	23	L	FRONT PROP	
1654-155-24	4	15 1/2	24	L	FRONT PROP	196350-09440
1654-155-25	4	15 1/2	25	L	FRONT PROP	
1654-155-26	4	15 1/2	26	L	FRONT PROP	196350-09460
1654-150-27	4	15	27	L	FRONT PROP	
1654-150-28	4	15	28	L	FRONT PROP	196350-09480

Drive Type SZ110, SZ111, SZ160, SZ161
(17 Tooth Spline)



AMITA 3 Aluminum 3 blade
-E Plus Rubber Hub

B	D	P	R	PART NO.
3	14	15	L	Z110-140-15
3	14	16	L	Z110-140-16
3	15.5	16	L	Z160-155-16
3	16	16	L	Z160-160-16
3	16	17	L	Z160-160-17



Z160-160-17

AMITA 3 Aluminum 3 blade
-E Plus Rubber Hub

B	D	P	R	PART NO.
3	15.8	15	L	8712-158-15
3	15.5	17	L	8712-155-17
3	15.3	19	L	8712-153-19
3	15.3	21	L	8712-153-21



8712-153-19

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	L	8714-148-15
4	14.5	17	L	8714-145-17
4	14.25	19	L	8714-143-19
4	14	21	L	8714-140-21



8714-140-21

Drive Type SZ200, SZ251 (17 Tooth Spline)

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	15	15	L	8812-150-15
3	14.8	17	L	8812-148-17
3	14.5	19	L	8812-145-19
3	14.3	21	L	8812-143-21
3	14.2	23	L	8812-142-23



8812-145-19

AMITA 3 Aluminum 3 blade
-E Plus Rubber Hub

B	D	P	R	PART NO.
3	15.8	15	L	8812-158-15
3	15.5	17	L	8812-155-17
3	15.3	19	L	8812-153-19
3	15.3	21	L	8812-153-21



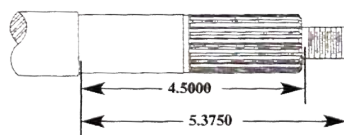
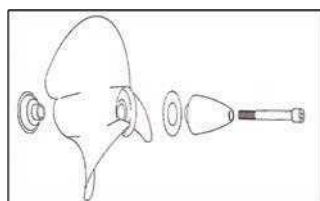
8812-153-19

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	L	8814-148-15
4	14.5	17	L	8814-145-17
4	14.25	19	L	8814-143-19
4	14	21	L	8814-140-21



8814-143-19



	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	Original YANMAR Part	Original YANMAR Part	Original YANMAR Part	Original YANMAR Part	Original YANMAR Part

Prop hardware for pressed in hub propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

* O.E.M Cross Reference Application Guide *

Mercury Propeller										SOLAS Match				SOLAS Match			
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Nearest Solas Match (Stainless Steel)							
A	8, 9.9	48- 828152A12	3	9	7	R	Black Max	Amita 3	Amita 4	Saturn	New Saturn	Titan	HR Titan 3	HR Titan 4			
	10, 15	48- 828154A12	3	9	8	R	Black Max	1111-093-07	1113-093-07	1121-093-07							
	US Origin	48- 828156A12	3	9	9	R	Black Max	1111-093-08	1113-093-08	1121-093-08							
		48- 828158A12	3	9	10 1/2	R	Black Max	1111-093-09	1113-093-09	1121-093-09							
		48- 850204A12	4	9 3/4	6	R	Black Max	1111-093-10	1113-093-10	1121-093-10							
High Thrust		48- 850204A12	4	9 3/4	6	R	Black Max		1113-100-05								
			4	-	7	R	Black Max		1113-100-07								

Other Applicable Solas Propeller

Original Part No. Recommended 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.

O.E.M to SOLAS Propellers Cross Reference

Mercury, Mariner Outboard, Mercruiser Stern Drive Page C1 ~ C4

BRP, Johnson, Evinrude, OMC Stern Drive Page C5 ~ C7

Yamaha Page C8 ~ C11

Suzuki Page C12 ~ C14

Tohatsu, Nissan Page C15

Honda Page C16 ~ C18

Volvo Penta Page C19

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		
A	8, 9, 9	48- 828152A12	3	9	7	R	Black Max	1111-093-07	1113-093-07	1121-093-07							
	10, 15	48- 828154A12	3	9	8	R	Black Max	1111-093-08	1113-093-08	1121-093-08							
	US Origin	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								
B	High Thrust	-	4	-	7	R			1113-100-07								
	9.9, 15	48- 19636A10	3	10 3/8	9 1/2	R	Black Max			1231-108-10							
	Big Foot	48- 19638A40	3	10 3/8	11	R	Black Max	1211-105-11	1213-102-11	1231-105-11							
	20, 25	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							
	US Origin	48- 19644A5	3	10 3/8	13	R	Vengeance			1231-101-13							

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

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						
		48- 77338A45	3	14	11	R	Black Max	1411-140-11		1431-140-11						
D	Big Foot 75, 80, 90 115, 125	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	1441-130-21		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.

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NOTE :

AAAA- BBB- CC

Recommended SOLAS Propeller

AAAA- BBB- CC

Other Applicable SOLAS Propeller

Mercury, Mariner Outboard, Mercruiser Stern Drive

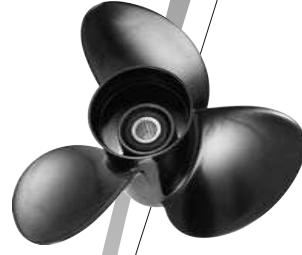
Mercury Propeller										SOLAS Match			SOLAS Match			
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Nearest Solas Match (Stainless Steel)						
								Amita 3	Amita 4	Saturn	New Saturn	HR Titan 3	HR Titan 4	Lexor		
	135	48-78112A45	3	16	11	R	Black Max	1511-160-13				1531-156-11				
	150	48-78114A45	3	16	13	R	Black Max	1511-150-15				1531-156-13				
	175	48-78116A45	3	15 1/2	15	R	Black Max	1511-148-17	1513-148-15			1531-145-15				
	225	48-832828A45	3	15	17	R	Black Max	1511-145-19	1513-145-17			1531-143-17				
	Bravo One	48-832830A45	3	14 1/2	19	R	Black Max	1511-143-21	1513-143-19			1531-140-19				
		48-832832A45	3	14 1/4	21	R	Black Max	1511-142-23	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		1513-140-25			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			
	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)	
								Amita 3	Amita 4
								Nearest Solas Match (Stainless Steel)	
								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	1641-193-15
	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- Tronic	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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Other Applicable SOLAS Propeller

BRP, Johnson, Evinrude, OMC Stern Drive

Johnson, Evinrude 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	Titan	HR Titan 3	HR Titan 4		
8	6, 7.5, 8	391096	3	8	7	R	Alum	2011-080-07							
	5, 6 (4 Stroke)	390237	3	8 1/2	9	R	Alum	2011-085-09							
	9.9	398126	3	10	7	R	Alum	2111-093-07	2113-093-07	2121-093-07					
	15	174938	3	9 1/4	8	R	Alum	2111-093-08	2113-093-08	2121-093-08					
		-	-	-	9	R		2111-093-09	2113-093-09	2121-093-09					
A	Thru- Hub	174950	3	9	10	R	Alum	2111-093-10	2113-093-10	2121-093-10					
		174817	3	9	11	R	Alum	2111-093-11	2113-093-11	2121-093-11					
		389892	3	9 3/8	9	R	SST			2121-093-09					
	High Thrust	176266	4	10	9	R	Alum		2113-100-07						
	9.9, 15 4 Stroke	5033200	3	9 1/4	7	R	Alum	4111-093-07	4113-093-07	4121-093-07					
		5005383	3	9 1/4	8	R	Alum	4111-093-08	4113-093-08	4121-093-08					
		5005384	3	9 1/4	9	R	Alum	4111-093-09	4113-093-09	4121-093-09					
		5005385	3	9 1/4	10	R	Alum	4111-093-10	4113-093-10	4121-093-10					
		5033203	3	9 1/4	11	R	Alum	4111-093-11	4113-093-11	4121-093-11					
		778731	4	10	5	R	Alum		4113-100-05						
		775979	4	10	7	R	Alum		4113-100-07						

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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Other Applicable SOLAS Propeller

BRP, Johnson, Evinrude, OMC Stern Drive

Johnson, Evinrude 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		
B	20 25 30 35 Thru- Hub	386317	3	11	9	R	Alum					2231-108-10				
		175190	3	10 1/2	11	R	Alum					2231-105-11				
		176424	4	10 1/2	12	R	Alum	2211-105-11	2213-102-11			2231-105-11				
		175191	4	10	13	R	Alum	2211-103-12	2213-101-12			2231-103-12				
		176425	4	10 1/4	14	R	Alum	2211-101-13	2213-100-13			2231-101-13				
		390380	3	10	15	R	Alum	2211-100-14	2213-100-14			2231-100-14				
		390727	3	11	9	R	SST					2231-100-15				
		390728	3	10 1/2	11	R	SST					2231-108-10				
		390729	3	10	13	R	SST					2231-105-11				
		390730	3	10	15	R	SST					2231-101-13				
		5032107	3	10 1/4	11	R	Alum					2231-100-15				
		5032108	3	10 1/4	12	R	Alum	4211-105-11	4213-102-11			4231-105-11				
		5032109	3	10 1/4	13	R	Alum	4211-103-12	4213-101-12			4231-103-12				
		5032110	3	10 1/4	14	R	Alum	4211-101-13	4213-100-13			4231-101-13				
C	40, 48, 50 55, 60, 70 Thru- Hub	386909	3	12 1/2	13	R	Alum	4211-100-14	4213-100-14			4231-100-14				
		176421	3	12 1/2	13	R	Alum	2311-125-13			2331-125-13					
		176422	3	12 1/4	15	R	Alum	2311-123-15			2331-123-15					
		390849	3	12 1/2	13	R	SST	2311-120-17			2331-120-17					
		390850	3	12 1/4	15	R	SST				2331-123-15					
		390851	3	11 3/4	17	R	SST				2331-120-17					
		5031621	3	11 1/2	9	R	Alum				4331-120-09					
		5031622	3	11 1/2	10	R	Alum	4311-120-10			4331-119-10					
		5031623	3	11 1/2	11	R	Alum	4311-118-11			4331-116-11					
		5031624	3	11 5/8	12	R	Alum	4311-116-12			4331-114-12					
		5031619	3	11 1/2	13	R	Alum	4311-116-13			4331-111-13					
		5031620	3	11 3/8	14	R	Alum	4311-116-14			4331-111-14					
		5031627	3	11 1/4	15	R	Alum				4331-110-15					
		382761	3	14	11	R	Alum	2411-140-11			2431-140-11					
D	40, 45, 50, 55 60, 65 Commercial 70, 75, 80, 90 115, 125	391668	3	14	13	R	Alum	2411-138-13	2413-133-13			2431-138-13				
		391198	3	13 3/4	15	R	Alum	2411-135-15	2413-130-15			2431-135-15				
		176214	3	14	17	R	Alum	2411-133-17	2413-128-17			2431-133-17				
		176215	3	14	19	R	Alum	2411-132-19	2413-125-19			2431-130-19				
		176216	3	14	21	R	Alum	2411-132-21	2413-125-21			2431-130-21				
		389792	3	13 3/4	11	R	SST				2431-140-11					
		392261	3	13 3/4	13	R	SST				2431-138-13					
		389949	3	13 3/4	15	R	SST				2431-135-15					
		389948	3	13 3/8	17	R	SST				2431-133-17					
		389510	3	13	19	R	SST				2431-130-19					
		389512	3	12 3/4	21	R	SST				2431-130-21					
		177042	3	13 7/8	15	R	VIPER				2441-138-15	2453-135-13				
		176623	3	13 7/8	17	R	VIPER				2441-138-15	2453-133-15				
		176624	3	13 7/8	19	R	VIPER				2441-133-17	2453-130-17				
E	90, 115, 140 4 Stroke	176624	3	13 7/8	19	R	VIPER				2441-133-19	2453-130-19				
		176624	3	13 7/8	19	R	VIPER				2441-133-19	2453-130-19				
		176196	4	13 1/4	21	R	Renegade				2441-138-15	2453-135-13				
		5033322	3	13 1/2	15	R	Alum				2441-138-15	2453-133-15				
		5033323	3	14	17	R	Alum	3413-138-15			2441-133-17	2453-130-17				
		5033324	3	14	19	R	Alum	3413-138-19			2441-133-17	2453-130-17				
		5033325	3	14	21	R	Alum	3413-138-21			2441-133-17	2453-130-17				
		5033326	3	14	23	R	Alum				2441-133-19	2453-130-19				
		5033327	3	14	18	R	S/S				2441-133-19	2453-130-19				
		5033955	3	14	18	L	S/S				2441-138-15	2453-135-13				
		5033328	3	14	20	R	S/S				2441-133-17	2453-130-17				
		5033956	3	14	20	L	S/S				2441-133-17	2453-130-17				
		5033329	3	14	22	R	S/S				2441-133-17	2453-130-17				
		5033957	3	14	22	L	S/S				2441-133-17	2453-130-17				
5033330	3	14	24	R	S/S				2441-133-17	2453-130-17						
5033958	3	14	24	L	S/S				2441-133-17	2453-130-17						
5034159	3	14	26	R	S/S				2441-133-17	2453-130-17						

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

BRP, Johnson, Evinrude, OMC Stern Drive

Johnson, Evinrude 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			
Commercial V6 Gear Case	100- 150	391536	3	15 1/2	13	R	Alum				2531-156-13						
	Commercial V6 Gear Case	391535	3	15 1/2	15	R	Alum	2511-150-15	2513-148-15		2531-145-15		2551-150-14				
		391200	3	15	17	R	Alum	2511-148-17	2513-145-17		2531-143-17		2551-148-16				
		391201	3	14 1/2	19	R	Alum	2511-145-19	2513-143-19		2531-140-19		2551-148-18				
		391202	3	14 1/4	21	R	Alum	2511-143-21	2513-140-21		2531-140-21		2551-148-20				
	150, 155	391203	3	14 1/4	23	R	Alum	2511-142-23	2513-140-23		2531-140-23		2551-143-22				
	175, 200	390831	3	15 1/2	14	R	SST	2511-160-13			2531-156-13						
	225, 250																
	275, 300	174926	3	15	15	R	SST	2511-158-15			2531-145-15		2551-150-14	2553-145-15			
	Non- 4 Stroke		174927	3	15	15	L	SST	2512-158-15			2532-145-15		2552-150-14	2554-145-15		
Non- 4 Stroke		391290	3	15	17	R	SST	2511-155-17			2531-143-17		2551-148-16	2553-143-17			
		431930	3	15	17	L	SST	2512-155-17			2532-143-17		2552-148-16	2554-143-17			
		389924	3	14 1/2	19	R	SST	2511-153-19			2531-140-19		2551-148-18	2553-141-19			
		390821	3	14 1/2	19	L	SST	2512-153-19			2532-140-19		2552-148-18	2554-141-19			
		389923	3	14 1/4	21	R	SST	2511-153-21			2531-140-21		2551-148-20	2553-140-21			
		390822	3	14 1/4	21	L	SST	2512-153-21			2532-140-21		2552-148-20	2554-140-21			
		289019	3	14 1/4	23	R	SST	2511-153-23			2531-140-23		2551-143-22	2553-140-23			
		390823	3	14 1/4	23	L	SST				2532-140-23		2552-143-22	2554-140-23			
Non-SX Drive		174889	3	15	17	R	VIPER						2551-148-17	2553-145-15			
	174890	3	15	17	L	VIPER						2552-148-17	2554-145-15				
	174814	3	14 1/2	19	R	VIPER						2551-148-19	2553-143-17				
	174811	3	14 1/2	19	L	VIPER						2552-148-19	2554-143-17				
	174815	3	14 1/4	21	R	VIPER						2551-145-21	2553-141-19				
	174812	3	14 1/4	21	L	VIPER						2552-145-21	2554-141-19				
	174816	3	14 1/4	23	R	VIPER						2551-143-22	2553-140-21				
	174813	3	14 1/4	23	L	VIPER						2552-143-22	2554-140-21				
	394752	3	14 1/2	18	R	Raker						2551-148-18					
	394753	3	14 1/2	20	R	Raker						2551-148-20					
E	398502	3	14 1/2	20	L	Raker						2552-148-20					
	394754	3	14 1/2	22	R	Raker						2551-143-22					
	398503	3	14 1/2	22	L	Raker						2552-143-22					
	394755	3	14 1/2	24	R	Raker						2551-140-24					
	398504	3	14 1/2	24	L	Raker						2552-140-24					
	176575	4	14 1/2	17	R	Renegade							2553-143-17				
	176578	4	14 1/2	17	L	Renegade							2554-143-17				
	176576	4	14 1/4	19	R	Renegade							2553-141-19				
	176579	4	14 1/4	19	L	Renegade							2554-141-19				
	176577	4	14 1/8	21	R	Renegade							2553-140-21				
176580	4	14 1/8	21	L	Renegade							2554-140-21					
176058	4	13 1/2	23	R	Renegade							2553-140-23					
175738	4	13 1/2	25	R	Renegade							2553-140-25					

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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Other Applicable SOLAS Propeller

Yamaha Propeller										SOLAS Match				SOLAS Match			
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Nearest Solas Match (Stainless Steel)							
8	6.8	6G1- 45947- 00-EL	3	8 1/2	6 1/2	R	Alum	Amita 3	Amita 4	Saturn	New Saturn	Titan	HR Titan 3	HR Titan 4			
		6G1- 45943- 00-EL	3	8 1/2	7 1/2	R	Alum	3011-085-07									
		6G1- 45941- 00-EL	3	8 1/2	8 1/2	R	Alum	3011-085-08									
	8 Pin Drive	647- 45943- 00-EL	3	9	7	R	Alum	3011-085-09									
A	9.9	683- 45947- 00-EL	3	9 1/4	8	R	Alum	3011-090-07-P									
	15	683- 45947- 00-EL	3	9 1/4	8	R	Alum	3111-093-08	3113-093-08	3121-093-08							
	F9,9, F15	683- 45945- 00-EL	3	9 1/4	9	R	Alum	3111-093-09	3113-093-09	3121-093-09							
		683- 45952- 00-EL	3	9 1/4	9 3/4	R	Alum	3111-093-10	3113-093-10	3121-093-10							
		683- 45943- 00-EL	3	9 1/4	10 1/2	R	Alum	3111-093-11	3113-093-11	3121-093-11							
High Thrust	683- W4591- 02-EL	3	9 3/4	6 1/2	R	Alum	3113-100-07										

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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Other Applicable SOLAS Propeller

Yamaha

Yamaha 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		
	20	664-45943-01-EL	3	9 7/8	8	R	Alum									
	25	664-45941-01-EL	3	9 7/8	9	R	Alum									
	30	664-45945-00-EL	3	9 7/8	10 1/2	R	Alum	3211-099-09								
	F25	664-45947-01-EL	3	9 7/8	11 1/4	R	Alum	3211-099-10								
		664-45947-01-EL	3	9 7/8	11 1/4	R	Alum	3211-099-11	3213-102-11							
		664-45954-00-EL	3	9 7/8	12	R	Alum	3211-099-12	3213-101-12							
	664-45949-02-EL	3	9 7/8	13	R	Alum	3211-099-13	3213-100-13								
	664-45952-00-EL	3	9 7/8	14	R	Alum		3213-100-14								
	664-45972-00-98	3	9 1/8	12	R	S/S				3231-105-11						
	664-45970-00-98	3	9 1/8	13	R	S/S				3231-103-12						
	MAR- GYT3B- 02- 12	3	10 1/8	12	R	S/S				3231-103-12						
	MAR- GYT3B- 02- 12	3	10 1/8	13	R	S/S				3231-101-13						
	MAR- GYT3B- 02- 12	3	10 1/8	14	R	S/S				3231-100-14						
	F30, F40	663-45956-01-EL	3	12 1/4	9	R	Alum	3311-121-09	3313-118-09							
	40, 48	663-45954-01-EL	3	11 3/4	10	R	Alum		3313-114-10		3331-119-10					
	50	663-45947-02-EL	3	11 5/8	11	R	Alum	3311-116-11	3313-114-10		3331-116-11					
	55	6H5-45952-00-EL	3	10 5/8	12	R	Alum	3311-114-12	3313-111-11		3331-114-12					
		663-45952-02-EL	3	11 3/4	12	R	Alum	3311-114-12	3313-111-11		3331-114-12					
		6H5-45945-00-EL	3	10 3/8	13	R	Alum	3311-111-13	3313-108-12		3331-111-13					
		663-45945-02-EL	3	11 1/8	13	R	Alum	3311-111-13	3313-108-12		3331-111-13					
	60 (~91)	6H5-45958-00-EL	3	10 1/4	14	R	Alum	3311-111-14	3313-105-13		3331-111-14					
	F50, F60	663-45958-01-EL	3	11 1/4	14	R	Alum	3311-111-14	3313-105-13		3331-111-14					
		6H5-45943-00-EL	3	10	15	R	Alum	3311-110-15	3313-105-14		3331-110-15					
		663-45943-02-EL	3	11	15	R	Alum	3311-110-15	3313-105-14		3331-110-15					
	663-45949-01-EL	3	10 3/4	16	R	Alum										
	663-45941-01-EL	3	10 3/4	17	R	Alum										
	663-45972-60-98	3	12	11	R	S/S				3331-116-11						
	663-45970-60-98	3	11 3/4	12	R	S/S				3331-114-12						
	663-45974-02-98	3	11 1/2	13	R	S/S				3331-111-13						
	663-45930-00-98	3	11 1/4	14	R	S/S				3331-111-14						
	663-45976-00-98	3	10 1/4	15	R	S/S				3331-110-15						
	663-45978-00-98	3	10 1/4	16	R	S/S										
	MAR- GYT3B- 03- 13	3	10 1/2	13	R	S/S				3331-111-13						
	MAR- GYT3B- 03- 15	3	10 1/2	15	R	S/S				3331-110-15						
40 Pin Drive	-		3	11 1/2	10	R	Alum	3311-115-10-P								
	-		3	11 1/2	11	R	Alum	3311-115-11-P								
	-		3	11 1/2	12	R	Alum	3311-115-12-P								

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

NOTE :

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Recommended SOLAS Propeller

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Other Applicable SOLAS Propeller

Yamaha Propeller										SOLAS Match			SOLAS Match			
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Nearest Solas Match (Stainless Steel)						
D	T50, 60(92-) 70, 75, 80 85,90,115 130,140 F80, F100 F115	6E5- 45954- 00-EL	3	14	11	R	Alum	3411-140-11	Amita 4	Saturn	New Saturn	Titan	HR Titan 3	HR Titan 4		
		6E5- 45949- 00-EL	3	13 5/8	13	R	Alum	3411-138-13				3431-138-13				
		6E5- 45947- 00-EL	3	13 1/2	15	R	Alum	3411-134-15	3413-133-13			3431-138-13				
		6E5- 45945- 01-EL	3	13 1/4	17	R	Alum	3411-132-17	3413-130-15			3431-135-15				
		6E5- 45941- 00-EL	3	13	19	R	Alum	3411-131-19	3413-128-17			3431-133-17				
		6E5- 45943- 00-EL	3	12 5/8	21	R	Alum	3411-130-21	3413-125-19			3431-130-19				
		6E5- 45952- 00-EL	3	13	23	R	Alum		3413-125-21			3431-130-21				
		688- 45932- 60-98	3	13 1/2	14	R	S/S					3431-138-13	3441-138-13		3453-135-13	
		688- 45978- 60-98	3	13 1/2	16	R	S/S					3431-135-15	3441-138-15		3453-133-15	
		688- 45930- 02-98	3	13	17	R	S/S					3431-135-15	3441-138-15		3453-133-15	
		6L6- 45930- 00-98	3	13	17	L	S/S						3442-138-15		3454-133-15	
		688- 45970- 03-98	3	13	19	R	S/S					3431-133-17	3441-133-17		3453-130-17	
		6L6- 45970- 00-98	3	13	19	L	S/S						3442-133-17		3454-130-17	
		688- 45972- 02-98	3	13	21	R	S/S					3431-130-19	3441-133-19		3453-130-19	
		6L6- 45972- 00-98	3	13	21	L	S/S						3442-133-19		3454-130-19	
		688- 45974- 02-98	3	13	23	R	S/S					3431-130-21			3453-130-21	
		MAR- GYT3B- V4- 18	3	13 1/4	18	R	Performance					3431-133-17	3441-133-17		3453-130-17	
		MAR- GYT3B- L4- 18	3	13 1/4	18	L	Performance						3442-133-17		3454-130-17	
		MAR- GYT3B- V4- 20	3	13 1/4	20	R	Performance					3431-130-19	3441-133-19		3453-130-19	
		MAR- GYT3B- L4- 20	3	13 1/4	20	L	Performance						3442-133-19		3454-130-19	
		MAR- GYT3B- V4- 22	3	13 1/4	22	R	Performance								3453-130-21	
		MAR- GYT3B- L4- 22	3	13 1/4	22	L	Performance						3431-130-21		3454-130-21	
		MAR- GYT4B- V4- 18	4	13 1/4	18	R	Performance								3453-130-17	
		MAR- GYT4B- V4- 20	4	13 1/4	20	R	Performance								3453-130-19	
		MAR- GYT4B- V4- 22	4	13 1/4	22	R	Performance								3453-130-21	

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Other Applicable SOLAS Propeller

Yamaha

Yamaha Propeller										SOLAS Match		SOLAS Match			
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Saturn	New Saturn	HR Titan 3	HR Titan 4	Lexor	
E	150	6G5-45941-00-98	3	15 1/4	15	R	Alum	3511-150-15	3513-148-15		3531-145-15				
	175	6G5-45952-00-98	3	14 5/8	16	R	Alum	3511-158-15	3513-148-15		3531-145-15				
	200	6G5-45947-01-98	3	14 1/2	17	R	Alum	3511-148-17	3513-145-17		3531-143-17				
	225	6K1-45947-00-98	3	14 1/2	17	L	Alum	3512-148-17	3514-145-17		3532-143-17				
	250	6G5-45945-01-98	3	14	19	R	Alum	3511-145-19	3513-143-19		3531-140-19				
		6K1-45945-01-98	3	14	19	L	Alum	3512-145-19	3514-143-19		3532-140-19				
		6G5-45943-01-98	3	13 3/4	21	R	Alum	3511-143-21	3513-140-21		3531-140-21				
		6G5-45949-00-98	3	13 1/2	23	R	Alum	3511-142-23	3513-140-23		3531-140-23				
		6G5-45970-02-98	3	15 1/4	15	R	S/S				3531-145-15				
		6K1-45970-01-98	3	15 1/4	15	L	S/S				3532-145-15				
		6G5-45978-03-98	3	13 3/4	17	R	S/S				3531-143-17		3553-145-15		
		6K1-45978-02-98	3	13 3/4	17	L	S/S				3532-143-17		3554-145-15		
		6G5-45974-03-98	3	13 3/4	19	R	S/S				3531-140-19		3553-143-17		
		6K1-45974-02-98	3	13 3/4	19	L	S/S				3532-140-19		3554-143-17		
		6G5-45972-02-98	3	13 3/4	21	R	S/S				3531-140-21		3553-141-19		
		6K1-45972-01-98	3	13 3/4	21	L	S/S				3532-140-21		3554-141-19		
		6G5-45976-01-98	3	13 3/8	23	R	S/S				3531-140-23		3553-140-21		
		6K1-45976-00-98	3	13 3/8	23	L	S/S				3532-140-23		3554-140-21		
		6G5-45930-00-98	3	13 3/8	25	R	S/S				3531-140-25		3553-140-23		
		MAR-GYT3B-V6-16	3	14 1/4	16	R	Performance				3551-148-16	3553-145-15			
		MAR-GYT3B-V6-18	3	14 1/4	18	R	Performance				3551-148-18	3553-143-17			
		MAR-GYT3B-L6-18	3	14 1/4	18	L	Performance				3552-148-18	3554-143-17			
		MAR-GYT3B-V6-20	3	14 1/4	20	R	Performance				3551-148-20	3553-141-19			
		MAR-GYT3B-L6-20	3	14 1/4	20	L	Performance				3552-148-20	3554-141-19			
		MAR-GYT3B-V6-22	3	14 1/4	22	R	Performance				3551-143-22	3553-140-21			
		MAR-GYT3B-L6-22	3	14 1/4	22	L	Performance				3552-143-22	3554-140-21			
		MAR-GYT3B-V6-24	3	14 1/4	24	R	Performance				3551-140-24	3553-140-23			
		6R4-45976-A0-00	3	15 1/4	15	R	Saltwater	3511-158-15				3553-145-15		3571-158-15	
	6R1-45976-A0-00	3	15 1/4	15	L	Saltwater	3512-158-15				3554-145-15		3572-158-15		
	6R4-45978-A0-00	3	15 1/4	17	R	Saltwater	3511-155-17				3553-143-17		3571-155-17		
	6R1-45978-A0-00	3	15 1/4	17	L	Saltwater	3512-155-17				3554-143-17		3572-155-17		
	6R4-45970-A0-00	3	15 1/4	19	R	Saltwater	3511-153-19				3553-141-19		3571-153-19		
	6R1-45970-A0-00	3	15 1/4	19	L	Saltwater	3512-153-19				3554-141-19		3572-153-19		
	6R4-45972-A0-00	3	14 7/8	21	R	Saltwater	3511-153-21				3553-140-21		3571-150-21		
	6R1-45972-A0-00	3	14 7/8	21	L	Saltwater	3512-153-21				3554-140-21		3572-150-21		
	6R4-45974-A0-00	3	14 7/8	23	R	Saltwater	3511-153-23				3553-140-23		3571-148-23		
	6R1-45974-A0-00	3	14 7/8	23	L	Saltwater					3554-140-23		3572-148-23		
	MAR-GYT4B-V6-18	4	13 3/4	18	R	Performance					3553-141-18				
	MAR-GYT4B-V6-20	4	13 3/4	20	R	Performance					3553-140-20				
	MAR-GYT4B-V6-22	4	13 3/4	22	R	Performance					3553-140-21				
	MAR-GYT4B-V6-24	4	13 3/4	24	R	Performance					3553-140-23				
	MAR-GYT4B-V6-26	4	13 3/4	26	R	Performance					3553-140-25				

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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Recommended SOLAS Propeller

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Other Applicable SOLAS Propeller

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	DT 9.9, D T15	58100-93703-019	3	9 1/4	7	R	Alum	4111-093-07	4113-093-07	4121-093-07					
	DF 9.9, DF 15	58100-91D00-019	3	9 1/4	8	R	Alum	4111-093-08	4113-093-08	4121-093-08					
	Thru-Hub	58100-93723-019	3	9 1/4	9	R	Alum	4111-093-09	4113-093-09	4121-093-09					
	DT 9.9C & 9.9CN	58100-93733-019	3	9 1/4	10	R	Alum	4111-093-10	4113-093-10	4121-093-10					
	Not Applicable	58100-93743-019	3	9 1/4	11	R	Alum	4111-093-11	4113-093-11	4121-093-11					
		58100-93763-019	3	9 1/4	9	R	Hvy Dry Alum	4111-093-09	4113-093-09	4121-093-09					
		58100-93773-019	3	9 1/4	10	R	Hvy Dry Alum	4111-093-10	4113-093-10	4121-093-10					
	High Thrust	-	4	10	6 1/2	R	Alum		4113-100-07						
	DT 20, 25, 25C	58100-96410-019	3	10 1/4	10	R	Alum				4231-108-10				
	DT 30, 30C	58100-96420-019	3	10 1/4	11	R	Alum	4211-105-11	4213-102-11		4231-105-11				
	DF 25, 30	58100-96430-019	3	10 1/4	12	R	Alum	4211-103-12	4213-101-12		4231-103-12				
		58100-96440-019	3	10 1/4	13	R	Alum	4211-101-13	4213-100-13		4231-101-13				
		58100-95D00-019	3	10 1/4	14	R	Alum	4211-100-14	4213-100-14		4231-100-14				
		58100-96460-019	3	10 1/4	15	R	Alum		4213-100-15		4231-100-15				
		58100-96470-019	3	10 1/4	10	R	Hvy Dry Alum				4231-108-10				
B		58100-96480-019	3	10 1/4	12	R	Hvy Dry Alum	4211-103-12	4213-101-12		4231-103-12				
		58100-96490-019	3	10 1/4	13	R	Hvy Dry Alum	4211-101-13	4213-100-13		4231-101-13				
		58100-96400-019	3	10 1/4	13	R	S/S				4231-101-13				
		99105-00600-12P	3	10 1/4	12	R	S/S				4231-103-12				
		99105-00600-13P	3	10 1/4	13	R	S/S				4231-101-13				
		99105-00600-14P	3	10 1/4	14	R	S/S				4231-100-14				
		99105-00600-15P	3	10 1/4	15	R	S/S				4231-100-15				

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Recommended SOLAS Propeller

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Other Applicable SOLAS Propeller

Suzuki Propeller							SOLAS Match		SOLAS Match					
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Saturn	New Saturn	Titan	HR Titan 3	HR Titan 4
C	DT40, 50, 50M DT55, 60 DT 65	58100-94302-019	3	11 1/2	9	R	Alum		4313-118-09		4331-120-09			
		58100-95212-019	3	11 1/2	10	R	Alum	4311-120-10	4313-114-10		4331-119-10			
		58100-95222-019	3	11 1/2	11	R	Alum	4311-118-11	4313-111-11		4331-116-11			
		58100-95393-019	3	11 5/8	12	R	Alum	4311-116-12	4313-108-12		4331-114-12			
	58100-94313-019	3	11 1/2	13	R	Alum	4311-116-13	4313-105-13		4331-111-13				
	58100-95353-019	3	11 3/8	14	R	Alum	4311-116-14	4313-105-14		4331-111-14				
	58100-95363-019	3	11 1/4	15	R	Alum				4331-110-15				
	58100-95373-019	3	11 1/8	16	R	Alum								
	58100-94401-019	3	11 1/2	13	R	S/S				4331-111-13				
	58100-94411-019	3	11 3/8	14	R	S/S				4331-111-14				
	99105-00500-12P	3	11 3/4	12	R	S/S				4331-114-12				
	99105-00500-13P	3	11 3/4	13	R	S/S				4331-111-13				
	99105-00500-14P	3	11 3/4	14	R	S/S				4331-111-14				
	99105-00500-15P	3	11 3/4	15	R	S/S				4331-110-15				
	DT 75, 85, 90 DT 100, 115 DT 140 DF 60, DF 70	58100-94500-019	3	13 1/2	15	R	V1500	4411-135-15	4413-130-15		4431-135-15			
	D		58100-94512-019	3	13 1/4	17	R	V1700	4411-133-17	4413-128-17		4431-133-17		
58100-94522-019			3	13	19	R	V1900	4411-130-19	4413-125-19		4431-130-19			
58100-94532-019			3	13	21	R	V2100	4411-130-21	4413-125-21		4431-130-21			
58100-95540-019			3	13 3/4	13	R	U1300	2411-138-13	2413-133-13		2431-138-13			
58100-95500-019		3	13 1/2	15	R	U1500	2411-135-15	2413-130-15		2431-135-15				
58100-95511-019		3	13 1/4	17	R	U1700	2411-133-17	2413-128-17		2431-133-17				
58100-95521-019		3	13	19	R	U1900	2411-130-19	2413-125-19		2431-130-19				
58100-95530-019		3	13	21	R	U2100	2411-130-21	2413-125-21		2431-130-21				
58100-94554-019		3	13 1/2	15	R	S/S				4431-135-15	4441-138-15			
58100-94581-019		3	13 1/4	17	R	S/S				4431-133-17	4441-133-17			
58100-94561-019		3	13	19	R	S/S				4431-130-19	4441-133-19			
58100-94571-019		3	13	21	R	S/S				4431-130-21				
Thru-Hub		99105-00100-12P	3	13 1/4	12	R	S/S				4431-140-11			4453-135-13
99105-00100-14P		3	13 1/4	14	R	S/S				4431-138-13			4453-133-15	
99105-00100-16P		3	13 1/4	16	R	S/S				4431-135-15			4453-130-17	
99105-00100-18P		3	13 1/4	18	R	S/S				4431-133-17			4453-130-19	
99105-00101-20P	3	13 1/4	20	R	S/S				4431-130-19			4453-130-21		
99105-00100-22P	3	13 1/4	22	R	S/S				4431-130-21			4453-130-21		
DF90, DF115 DF140	58100-90J40-019	3	13 1/2	15	R	Alum		3413-138-15				3451-139-17		
Thru-Hub	58100-90J00-019	3	14	17	R	Alum		3413-138-17				3451-139-19		
	58100-90J10-019	3	14	19	R	Alum		3413-138-19				3451-139-21		
	58100-90J20-019	3	14	21	R	Alum		3413-138-21				3451-139-23		
	58100-90J22-019	3	14	23	R	Alum						3451-139-17		
	99105-00700-18P	3	14	18	R	S/S						3452-139-17		
	99105-00700L-18P	3	14	18	L	S/S						3451-139-19		
	99105-00700-20P	3	14	20	R	S/S						3452-139-19		
	99105-00700L-20P	3	14	20	L	S/S						3451-139-21		
	99105-00700-22P	3	14	22	R	S/S						3452-139-21		
	99105-00700L-22P	3	14	22	L	S/S						3451-139-21		
	99105-00700-24P	3	14	24	R	S/S						3451-139-23		

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

Suzuki Propeller										SOLAS Match				SOLAS Match					
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)				Saturn	Nearest Solas Match (Stainless Steel)		HR Titan 3	HR Titan 4			
								Amita 3	Amita 4	Amita 4			New Saturn	Titan					
E	DT 150, 200 DT 225	58200-87D61-019	3	14 1/2	16	R	S/S	4511-150-15	4513-148-15				4531-143-17		4551-148-16	4553-145-15			
		58200-87D62-019	3	14 1/2	16	L	S/S	4512-150-15	4514-148-15				4532-143-17		4552-148-16	4554-145-15			
	Non-4 Stroke	58200-87D01-019	3	14 1/2	18	R	S/S	4511-148-17	4513-145-17				4531-140-19		4551-148-18	4553-143-17			
		58200-87D02-019	3	14 1/2	18	L	S/S	4512-148-17	4514-145-17				4532-140-19		4552-148-18	4554-143-17			
		58200-87D11-019	3	14 1/2	20	R	S/S	4511-145-19	4513-143-19				4531-140-21		4551-148-20	4553-141-19			
		58200-87D12-019	3	14 1/2	20	L	S/S	4512-145-19	4514-143-19				4532-140-21		4552-148-20	4554-141-19			
	Thru-Hub	58200-87D21-019	3	14 1/2	22	R	S/S	4511-143-21	4513-140-21				4531-140-23		4551-143-22	4553-140-21			
		58200-87D22-019	3	14 1/2	22	L	S/S	4512-143-21	4514-140-21				4532-140-23		4552-143-22	4554-140-21			
		99105-00200-16P	3	14 1/4	16	R	S/S	4511-158-15							4551-148-16	4553-145-15			
		99105-0020L-16P	3	14 1/4	16	L	S/S	4512-158-15							4552-148-16	4554-145-15			
		99105-00200-18P	3	14 1/4	18	R	S/S	4511-155-17							4551-148-18	4553-143-17			
		99105-0020L-18P	3	14 1/4	18	L	S/S	4512-155-17							4552-148-18	4554-143-17			
		99105-00200-20P	3	14 1/4	20	R	S/S	4511-153-19							4551-148-20	4553-141-19			
	E	DF150~ DF250, DF250A, DF300A	99105-0020L-20P	3	14 1/4	20	L	S/S	4512-153-19							4552-148-20	4554-141-19		
			99105-00200-22P	3	14 1/4	22	R	S/S	4511-153-21							4551-143-22	4553-140-21		
			99105-0020L-22P	3	14 1/4	22	L	S/S	4512-153-21							4552-143-22	4554-140-21		
			99105-00200-24P	3	14 1/4	24	R	S/S	4511-153-23							4551-140-24	4553-140-23		
			99105-0020L-24P	3	14 1/4	24	L	S/S								4552-140-24	4554-140-23		
			99105-00200-26P	3	14 1/4	26	R	S/S								4553-140-25			
58200-93L00-000			3	16	17	R	S/S							4571-160-17	4571-160-19				
58200-93L10-000			3	16	18.5	R	S/S							4571-160-19	4571-158-21				
58200-93L20-000			3	16	20	R	S/S							4571-158-21	4571-156-23				
58200-93L30-000			3	16	21.5	R	S/S							4571-156-23					
E	DF150~ DF250, DF250A, DF300A	58200-93L40-000	3	16	23	R	S/S								4572-160-17	4572-160-19			
		58200-93LE0-000	3	16	17	L	S/S							4572-160-17	4572-158-21				
		58200-93LA0-000	3	16	18.5	L	S/S							4572-160-17	4572-158-21				
		58200-93LB0-000	3	16	20	L	S/S							4572-160-19	4572-158-21				
		58200-93LC0-000	3	16	21.5	L	S/S							4572-158-21	4572-156-23				
		58200-93LD0-000	3	16	23	L	S/S							4572-156-23					
		58200-96J00-000	3	15 1/2	17	R	S/S					4571-155-17							
		58200-96J10-000	3	15 1/4	19	R	S/S					4571-153-19							
		58200-96J20-000	3	15	21	R	S/S					4571-150-21							
		58200-96J30-000	3	14 3/4	23	R	S/S					4571-148-23							
		58200-96J40-000	3	14 1/2	25	R	S/S					4571-145-25							
		58200-96J50-000	3	14 1/2	27	R	S/S					4571-145-27							
		58200-96JA0-000	3	15 1/2	17	L	S/S					4572-155-17							
		58200-96JB0-000	3	15 1/4	19	L	S/S					4572-153-19							
		58200-96JC0-000	3	15	21	L	S/S					4572-150-21							
		58200-96JD0-000	3	14 3/4	23	L	S/S					4572-148-23							
		58200-96JE0-000	3	14 1/2	25	L	S/S					4572-145-25							
		58200-96JF0-000	3	14 1/2	27	L	S/S					4572-145-27							
		E	DF150~ DF250, DF250A, DF300A	58300-93J00-000	4	15 1/4	18	R	S/S						4573-153-18				
58300-93J10-000	4			15 1/4	20	R	S/S					4573-153-20							
58300-93J20-000	4			15 1/4	22	R	S/S					4573-153-22							
58300-93J30-000	4			15 1/4	24	R	S/S					4573-153-24							
58300-93J40-000	4			15 1/4	26	R	S/S					4573-153-26							
58300-93JA0-000	4			15 1/4	20	L	S/S					4574-153-20							
58300-93JB0-000	4			15 1/4	22	L	S/S					4574-153-22							
58300-93JC0-000	4			15 1/4	24	L	S/S					4574-153-24							
58300-93JD0-000	4			15 1/4	26	L	S/S					4574-153-26							
58300-93JE0-000	4			15 1/4	28	L	S/S					4574-153-28							

Tohatsu, Nissan

Tohatsu Propeller										SOLAS Match			SOLAS Match			
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)			Saturn	New Saturn	Titan	HR Titan 3	HR Titan 4	
8	6,8, 9,8	3B2- 64513-0	3	8.5	6.5	R	Alum	5011-085-07								
		3B2- 64515-0	3	8.5	7.5	R	Alum	5011-085-08								
		3B2- 64517-0	3	8.5	8.5	R	Alum	5011-085-09								
A	9,9 15 18	362- 64105-0	3	9.2	6.9	R	Alum	5111-093-07	5113-093-07	5121-093-07						
		362- 64103-0	3	9.2	7.8	R	Alum	5111-093-08	5113-093-08	5121-093-08						
		362- 64101-0	3	9.2	8.8	R	Alum	5111-093-09	5113-093-09	5121-093-09						
		-	3	9.2	9.1	R	Alum	5111-093-09	5113-093-09	5121-093-09						
		362- 64108-0	3	9.2	9.8	R	Alum	5111-093-10	5113-093-10	5121-093-10						
B	25 30	-	-	-	11	R		5111-093-11	5113-093-11	5121-093-11						
		346- 64106-5	3	10.2	8.3	R	Alum			5221-100-08						
		346- 64101-5	3	9.8	9.3	R	Alum	5211-099-09		5221-100-09						
		346- 64102-5	3	9.8	10.2	R	Alum	5211-099-10		5221-100-10						
		346- 64103-5	3	9.8	11.3	R	Alum	5211-099-11	5213-102-11	5221-100-11						
C	40, 50	346- 64104-5	3	9.8	13.1	R	Alum	5211-099-13	5213-100-13	5221-100-13						
		361- 64113-0	3	10.6	11.3	R	Alum		5313-118-09		5331-119-10					
		361- 64114-0	3	10.6	11.7	R	Alum	5311-116-11	5313-114-10		5331-116-11					
		348- 64102-0	3	10.3	12.7	R	Alum	5311-114-12	5313-111-11		5331-114-12					
		3E3- 64526-0	3	11.0	12.4	R	Alum	5311-114-12	5313-111-11		5331-114-12					
	50 60B, 70B	348- 64103-0	3	10.2	13.9	R	Alum	5311-111-13	5313-108-12		5331-111-13					
		3E3- 64528-0	3	11.3	13.8	R	Alum	5311-111-14	5313-105-13		5331-111-14					
		3E3- 64536-0	3	10.7	15.7	R	Alum	5311-110-15	5313-105-14		5331-110-15					
		353- 64103-0	3	11.5	11	R	Alum	5311-118-11	5313-111-11		5331-116-11					
		353- 64104-0	3	11.6	12	R	Alum	5311-116-12	5313-108-12		5331-114-12					
D	60, 70 90, 120 140	353- 64105-0	3	11.5	13	R	Alum	5311-116-13	5313-105-13		5331-111-13					
		353- 64106-0	3	11.4	14	R	Alum	5311-116-14	5313-105-14		5331-111-14					
		353- 64107-0	3	11.0	15	R	Alum				5331-110-15					
		3B7- 64523-1	-	-	11	R	Alum	3411-140-11			3431-140-11					
		3B7- 64527-1	3	13.6	12.4	R	Alum	3411-138-13	3413-133-13		3431-138-13	3441-138-13			3453-135-13	
		3C7- 64536-0	3	13.5	15.7	R	Alum	3411-135-15	3413-130-15		3431-135-15	3441-138-15			3453-133-15	
		3C7- 64541-0	3	12.9	18	R	Alum	3411-133-17	3413-128-17		3431-133-17	3441-133-17			3453-130-17	
		3C7- 64554-0	3	13.0	20.3	R	Alum	3411-130-19	3413-125-19		3431-130-19	3441-133-19			3453-130-19	
		-	-	21	R		3411-130-21	3413-125-21		3431-130-21				3453-130-21		

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

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Recommended SOLAS Propeller

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Other Applicable SOLAS Propeller

Honda Propeller										SOLAS Match				SOLAS Match			
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Nearest Solas Match (Stainless Steel)							
A	8, 9.9	58130- ZV4- 703ZB	3	9 1/2	8 5/8	R	Alum	3111-093-08	Amita 4	Saturn	New Saturn	HR Titan 3	HR Titan 4				
	10, 15	58130- ZV4- 030ZB	3	9 1/2	9 1/2	R	Alum	3111-093-09	3113-093-09	3121-093-09							
		-	-	-	5	R			3113-100-05								
		-	-	-	7	R			3113-100-07								
B	High Thrust																
	20/25	58130- ZV7- 860ZB	3	10	8 1/4	R	Alum			5221-100-08							
	30	58130- ZV7- 850ZA	3	9 3/4	9 7/8	R	Alum	5211-099-09		5221-100-09							
		58130- ZV7- 000ZA	3	9 1/4	12	R	Alum	5211-099-11	5213-102-11	5221-100-11							

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Other Applicable SOLAS Propeller

Honda

Honda Propeller										SOLAS Match				SOLAS Match			
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminum)		Saturn	New Saturn	Titan	HR Titan 3	HR Titan 4			
C	35/40 45/50	58130- ZV5- 860ZA	3	11 3/4	10	R	Alum	3311-121-09	3313-118-09		3331-119-10						
		-	-	11	R		3311-116-11	3313-114-10		3331-116-11							
		58130- ZV5- 850ZA	3	11 1/2	12	R	Alum	3311-114-12	3313-111-11		3331-114-12						
		58130- ZV5- 000ZA	3	11 1/4	13	R	Alum	3311-111-13	3313-108-12		3331-111-13						
		58130- ZV5- 870ZA	3	11 1/2	14	R	Alum	3311-111-14	3313-105-13		3331-111-14						
		-	-	15	R		3311-110-15	3313-105-14		3331-110-15							
		58110- ZV5- E50	3	11 3/4	9	R	S/S				3331-120-09						
		58110- ZV5- E40	3	11 3/4	11	R	S/S	3311-120-10			3331-116-11						
		58110- ZV5- E30	3	10 1/2	12	R	S/S	3311-118-11			3331-114-12						
		58110- ZV5- E20	3	10 1/2	13	R	S/S	3311-116-12			3331-111-13						
D	75, 90 115, 130	58110- ZV5- E10	3	10 1/2	14	R	S/S	3311-116-13			3331-111-14						
		58110- ZV5- E00	3	10 1/2	15	R	S/S	3311-116-14			3331-110-15						
		58130- ZW1- W01ZA	3	14	11	R	Alum	1411-140-11			1431-140-11						
		58130- ZW1- W11ZA	3	14	13	R	Alum	1411-138-13	1413-133-13		1431-138-13	1441-138-13					
		58130- ZW1- W21ZA	3	13 3/4	15	R	Alum	1411-135-15	1413-130-15		1431-135-15	1441-138-15					
		58130- ZW1- W31ZA	3	13 1/4	17	R	Alum	1411-133-17	1413-128-17		1431-133-17	1441-133-17					
		58130- ZW1- W61ZA	3	13	19	R	Alum	1411-130-19	1413-125-19		1431-130-19	1441-133-19					
		58130- ZW1- W41ZA	3	12 3/4	21	R	Alum	1411-130-21	1413-125-21		1431-130-21						
		08M60- ZW7- A40	3	13 1/4	13	R	S/S				1431-138-13	1441-138-13		1453-135-13			
		08M60- ZW7- A00	3	13 1/4	15	R	S/S				1431-135-15	1441-138-15		1453-133-15			
		08M60- ZW7- B00	3	13 1/4	15	L	S/S					1442-138-15		1454-133-15			
		08M60- ZW7- A10	3	13 1/4	17	R	S/S				1431-133-17	1441-133-17		1453-130-17			
		08M60- ZW7- B10	3	13 1/4	17	L	S/S					1442-133-17		1454-130-17			
		08M60- ZW7- A20	3	13 1/4	19	R	S/S				1431-130-19	1441-133-19		1453-130-19			
		08M60- ZW7- B20	3	13 1/4	19	L	S/S					1442-133-19		1454-130-19			
		08M60- ZW7- A30	3	13 1/4	21	R	S/S				1431-130-21			1453-130-21			
		08M60- ZW7- B30	3	13 1/4	21	L	S/S							1454-130-21			
		08M64- ZW7- A13	4	13 1/4	13	R	S/S							1453-135-13			
		08M64- ZW7- B13	4	13 1/4	13	L	S/S							1454-135-13			
		08M64- ZW7- A15	4	13 1/4	15	R	S/S							1453-133-15			
		08M64- ZW7- B15	4	13 1/4	15	L	S/S							1454-133-15			
		08M64- ZW7- A17	4	13 1/4	17	R	S/S							1453-130-17			
		08M64- ZW7- B17	4	13 1/4	17	L	S/S							1454-130-17			

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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Recommended SOLAS Propeller

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Other Applicable SOLAS Propeller

Honda Propeller				SOLAS Match		SOLAS Match			
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminium)	
	135	582333-ZY3-A13H	3	13 1/4	13	R	S/S	Amita 3	Amita 4
	150	582333-ZY3-A15H	3	13 1/4	15	R	S/S	1511-150-15	1513-148-15
	175	582333-ZY3-B15H	3	13 1/4	15	L	S/S	1512-150-15	1514-148-15
	200	582333-ZY3-A17H	3	13 1/4	17	R	S/S	1511-148-17	1513-145-17
	225	582333-ZY3-B17H	3	13 1/4	17	L	S/S	1512-148-17	1514-145-17
		582333-ZY3-A19H	3	13 1/4	19	R	S/S	1511-145-19	1513-143-19
		582333-ZY3-B19H	3	13 1/4	19	L	S/S	1512-145-19	1514-143-19
		582333-ZY3-A20H	3	13 1/4	20	R	S/S		
		582333-ZY3-A21H	3	13 1/4	21	R	S/S	1511-143-21	1513-140-21
		582333-ZY3-A22H	3	13 1/4	22	R	S/S		
		582333-ZY3-A23H	3	13 1/4	23	R	S/S	1511-142-23	1513-140-23
		582333-ZY3-A24H	3	13 1/4	24	R	S/S		
		582333-ZY3-A25H	3	13 1/4	25	R	S/S		
		58234-ZY3-A15H	4	14 1/4	15	R	S/S	1511-158-15	
		58234-ZY3-B15H	4	14 1/4	15	L	S/S	1512-158-15	
		58234-ZY3-A17H	4	14 1/4	17	R	S/S	1511-155-17	
		58234-ZY3-B17H	4	14 1/4	17	L	S/S	1512-155-17	
		58234-ZY3-A19H	4	14 1/4	19	R	S/S	1511-153-19	
		58234-ZY3-B19H	4	14 1/4	19	L	S/S	1512-153-19	
		58234-ZY3-A21H	4	14 1/4	21	R	S/S	1511-153-21	
		58234-ZY3-B21H	4	14 1/4	21	L	S/S	1512-153-21	

E

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Recommended SOLAS Propeller

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Other Applicable SOLAS Propeller

Volvo Penta Aquamatic SP Stern Drive

Volvo Penta SP Propeller										SOLAS Match			SOLAS Match			
Category	Engine HP	O/E Part Number	B	D	P	R	Type	(Aluminium)		Nearest Solas Match (Stainless Steel)						
								Amita 3	Amita 4	Saturn	New Saturn	Titan	HR Titan 3	HR Titan 4		
E	AQ270	854996-6	3	15	15	R	Alum				8831-150-15					
	AQ275	854981-8	3	15	15	L	Alum				8832-150-15					
	AQ280	854997-4	3	15	17	R	Alum				8831-150-17					
	AQ290	854982-6	3	15	17	L	Alum				8832-150-17					
		854998-2	3	15	19	R	Alum				8831-150-19					
		854983-4	3	15	19	L	Alum				8832-150-19					
		854999-0	3	15	21	R	Alum				8831-150-21					
	Long Hub	854984-2	3	15	21	L	Alum				8832-150-21					
	AQ200D/290	872001-3	3	16	15	R	Alum	8811-158-15		8823-155-15			8841-156-15			
	AQ225D/290	854987-5	3	16	15	L	Alum	8812-158-15		8824-155-15			8842-156-15			
	AQ260D/290	872002-1	3	16	17	R	Alum	8811-155-17		8823-155-17			8841-156-17			
	AQ290A/290	854988-3	3	16	17	L	Alum	8812-155-17		8824-155-17			8842-156-17			
	AQAD40B/290	872003-9	3	16	19	R	Alum	8811-153-19		8823-155-19			8841-156-19			
	AQAD41/290	854989-1	3	16	19	L	Alum	8812-153-19		8824-155-19			8842-156-19			
	872004-7	3	16	21	R	Alum	8811-153-21					8841-156-21				
	854990-9	3	16	21	L	Alum	8812-153-21					8842-156-21				
	872005-4	3	16	23	R	Alum						8841-156-23				
Long Hub	854991-7	3	16	23	L	Alum						8842-156-23				

OMC, Volvo Penta SX Drive

OMC, Volvo Penta SX 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			
E	3.0 L	3850299-3	3	15 1/2	15	R	Alum	8611-150-15	8613-148-15				8651-150-14				
	4.3 L	3855479-6	3	15 1/2	15	L	Alum	8612-150-15	8614-148-15				8652-150-14				
	5.0 L	3850300-9	3	15	17	R	Alum	8611-148-17	8613-145-17				8651-148-16				
	5.7 L	3855480-4	3	15	17	L	Alum	8612-148-17	8614-145-17				8652-148-16				
	5.8 L	3850301-7	3	14 1/2	19	R	Alum	8611-145-19	8613-143-19				8651-148-18				
	7.4 L	3855481-2	3	14 1/2	19	L	Alum	8612-145-19	8614-143-19				8652-148-18				
		3850302-5	3	14 1/4	21	R	Alum	8611-143-21	8613-140-21				8651-148-20				
		3850303-3	3	14 1/4	23	R	Alum	8611-142-23	8613-140-23				8651-143-22				
	SX Drive	3850305-8	3	15	15	R	S/S						8651-148-16				
		3850315-7	3	15	15	L	S/S						8652-148-16				
		3850311-6	3	15	17	R	S/S						8651-148-17	8653-145-15			
		3850320-7	3	15	17	L	S/S						8652-148-17	8654-145-15			
		3850312-4	3	14 1/2	19	R	S/S						8651-148-19	8653-141-18			
		3850321-5	3	14 1/2	19	L	S/S						8652-148-19	8654-141-18			
		3850313-2	3	14 1/4	21	R	S/S						8651-145-21	8653-140-20			
		3850322-3	3	14 1/4	21	L	S/S						8652-145-21	8654-140-20			
		3850314-0	3	14 1/4	23	R	S/S						8651-140-24	8653-140-23			
		3850323-1	3	14 1/4	23	L	S/S						8652-140-24	8654-140-23			

NOTE :

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Recommended SOLAS Propeller

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Other Applicable SOLAS Propeller

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

Michigan Wheel to



Propellers Cross Reference

Mercury, Mariner Outboard, Mercruiser Stern Drive Page M1
BRP, Johnson, Evinrude, OMC Stern Drive Page M2

Yamaha Page M3

Suzuki; Tohatsu, Nissan Page M4

Honda; Volvo Page M5



Aluminum
High Performance Propeller



Stainless Steel
High Performance Propeller

Mercury, Mariner Outboard, Mercruiser Stern Drive

Michigan	SOLAS	Michigan	SOLAS	Michigan	SOLAS
6-15 HP		40-140 HP		135-300 HP V-6 Gearcase	
32056	1111-093-07	31043	1411-130-19	345132	1551-148-17
32054	1111-093-08	31044	1411-130-21	345162	1552-148-17
32052	1111-093-09	335130	1431-135-15	345133	1551-148-19
32050	1111-093-10	335131	1431-133-17	345163	1552-148-19
9-9-25 HP		335132	1431-130-19	345134	1551-145-21
31049	1211-105-11	335133	1431-130-21	345164	1552-145-21
31048	1211-101-13	135-300 HP V-6 Gearcase		345135	1551-143-22
31047	1211-100-14	992002	9511-150-15	345141	XL 1551-143-22
305129	1231-101-13	992003	9511-148-17	345137	XL 1551-140-24
305130	1231-100-15	992004	9511-145-19	345139	XL 1551-140-24
25-30 HP Mariner		992005	9511-143-21	435135	XL 1553-140-23
22001	3211-099-09	992202	9513-148-15	435136	XL 1553-140-25
22002	3211-099-10	992203	9513-145-17		
22003	3211-099-12	992204	9513-143-19		
25-80 HP		993042	9531-145-15		
31015	1311-121-09	993052	9532-145-15		
32142	1311-120-10	993043	9531-143-17		
31056	1311-116-11	993053	9532-143-17		
31016	1311-116-11	993044	9531-140-19		
31057	1311-111-13	993054	9532-140-19		
31017	1311-114-12	993045	9531-140-21		
31058	1311-111-14	993055	9532-140-21		
31018	1311-111-14	993046	9531-140-23		
31019	1311-110-15	993056	9532-140-23		
40-140 HP		993023	9571-155-17		
992103	9411-135-15	993033	9572-155-17		
992104	9411-133-17	993024	9571-153-19		
992105	9411-132-19	993034	9572-153-19		
992106	9411-132-21	993025	9571-150-21		
992112	9431-138-13	993035	9572-150-21		
993143	9431-135-15	993026	9571-148-23		
993153	9432-135-15	993036	9572-148-23		
993144	9431-133-17	993203	9553-143-17		
993154	9432-133-17	993213	9554-143-17		
993145	9431-130-19	993204	9553-141-19		
993155	9432-130-19	993214	9554-141-19		
993146	9431-130-21	993205	9553-140-21		
31054	1411-140-11	993215	9554-140-21		
31202	1411-138-13	993206	9553-140-23		
31041	1411-135-15	993216	9554-140-23		
31042	1411-133-17	345131	1551-148-16		

Aluminum
High Performance PropellerStainless Steel
High Performance Propeller

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

BRP, Johnson, Evinrude, OMC Stern Drive

Michigan	SOLAS	Michigan	SOLAS	Michigan	SOLAS	Michigan	SOLAS	Michigan	SOLAS
9.9-15 HP		40-75 HP	Small Gearcase	85-140 HP	V-4 Gearcase	90-300 HP	V-6 Gearcase	90-300 HP	V-6 Gearcase
12007	2011-085-09	12036	2311-130-11	993145	9431-130-19	992002	9511-150-15	11008	2511-145-19
12112	2111-093-07	12037	2311-125-13	993155	9432-130-19	992003	9511-148-17	11009	2511-143-21
12111	2111-093-10	11035	2311-125-13	993146	9431-130-21	992004	9511-145-19	11010	2511-142-23
20-35 HP		11027	2311-123-15	993156	9432-130-21	992005	9511-143-21	345031	2551-148-16
12055	2211-105-11	11028	2311-120-17	12047	2411-140-11	992202	9513-148-15	345032	2551-148-17
12056	2211-101-13	13081	2331-125-13	31200	2411-140-11	992203	9513-145-17	345062	2552-148-17
305029	2231-101-13	13082	2331-123-15	11001	2411-138-13	992204	9513-143-19	345033	2551-148-19
305030	2231-100-15	13083	2331-120-17	31202	2411-138-13	993042	9531-145-15	345063	2552-148-19
40-50 HP (4-Stroke)		45-75 HP Large Gearcase		11002	2411-135-15	993052	9532-145-15	345034	2551-145-21
32045	4311-120-10	992103	9411-135-15	11003	2411-133-17	993043	9531-143-17	345064	2552-145-21
31072	4311-120-10	992104	9411-133-17	11004	2411-130-19	993053	9532-143-17	345035	2551-143-22
32044	4311-118-11	992105	9411-130-19	11005	2411-130-21	993044	9531-140-19	345041	XL 2551-143-22
32043	4311-116-12	992106	9411-132-21	335030	2441-138-15	993054	9532-140-19	345037	XL 2551-140-24
32042	4311-116-13	992112	9431-138-13	335031	2441-133-17	993045	9531-140-21	435035	XL 2553-140-23
32041	4311-116-14	993143	9431-135-15	335032	2441-133-19	993055	9532-140-21	435036	XL 2553-140-25
33093	4331-119-10	993153	9432-135-15	335033	2431-130-21	993046	9531-140-23		
33094	4331-116-11	993154	9431-133-17	90-140 HP (4-Stroke)		993056	9531-140-23		
33095	4331-111-13	993145	9432-133-17	992103	9411-135-15	993023	9571-155-17		
33096	4331-111-14	993155	9432-130-19	992104	9411-133-17	993033	9572-155-17		
33097	4331-110-15	993146	9431-130-21	992105	9411-132-19	993024	9571-153-19		
60-70 HP (4-Stroke)		993156	9432-130-21	992106	9411-132-21	993034	9572-153-19		
12047	2411-140-11	12047	2411-140-11	992112	9431-138-13	993025	9571-150-21		
11001	2411-138-13	11001	2411-138-13	993143	9431-135-15	993035	9572-150-21		
11002	2411-135-15	11002	2411-135-15	993153	9432-135-15	993026	9571-148-23		
11003	2411-133-17	11003	2411-133-17	993154	9431-133-17	993036	9572-148-23		
11004	2411-130-19	11004	2411-130-19	993145	9432-133-17	993203	9553-145-15		
11005	2411-130-21	11005	2411-130-21	993145	9431-130-19	993213	9554-145-15		
992103	9411-135-15	335030	2441-138-15	993155	9432-130-19	993203	9553-143-17		
992104	9411-133-17	335031	2441-133-17	993146	9431-130-21	993214	9554-143-17		
992105	9411-132-19	335032	2441-133-19	993156	9432-130-21	993205	9553-141-19		
992106	9411-132-21	335033	2431-130-21			993215	9554-141-19		
993143	9431-135-15	85-140 HP V-4 Gearcase				993206	9553-140-21		
993153	9432-135-15	992103	9411-135-15			993216	9554-140-21		
993144	9431-133-17	992104	9411-133-17			993012	2552-150-14		
993154	9432-133-17	992105	9411-130-19			993014	2552-148-19		
993145	9431-130-19	992106	9411-132-21			993015	2552-145-21		
993155	9432-130-19	992112	9431-138-13			993016	2552-143-22		
993146	9431-130-21	993143	9431-135-15			993017	2552-140-24		
		993153	9432-135-15			11016	2511-155-13		
		993154	9431-133-17			11006	2511-150-15		
		993145	9432-133-17			11007	2511-148-17		

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

Yamaha

Michigan	SOLAS	Michigan	SOLAS	Michigan	SOLAS
	6-8 HP		50-130 HP		150-175 HP
102002	3011-085-08	101035	3411-130-21	993053	9532-143-17
21008	3011-090-07	335930	3441-138-15	993044	9531-140-19
	9.9-15 HP	335931	3441-133-17	993054	9532-140-19
102003	3111-093-08	335932	3441-133-19	993045	9531-140-21
102004	3111-093-09	335933	3431-130-21	993055	9532-140-21
102005	3111-093-11		80-140 HP	993046	9531-140-23
	20-30 HP	992103	9411-138-13	993056	9532-140-23
22001	3211-099-09	992103	9411-135-15	993023	9571-155-17
22002	3211-099-10	992104	9411-133-17	993033	9572-155-17
22003	3211-099-12	992105	9411-132-19	993024	9571-153-19
305929	3231-101-13	992106	9411-132-19	993034	9572-153-19
305930	3231-100-15	993143	9431-135-15	993025	9571-150-21
	40-60 HP	993153	9432-135-15	993035	9572-150-21
32045	3311-120-10	993144	9431-133-17	993026	9571-148-23
32044	3311-116-11	993154	9432-133-17	993036	9572-148-23
32043	3311-114-12	993145	9431-130-19	993203	9553-143-17
32042	3311-111-13	993155	9432-130-19	993213	9554-143-17
32041	3311-111-14	993146	9431-130-21	993204	9553-141-19
32040	3311-110-15	101036	3411-140-11	993214	9554-141-19
395929	3331-111-13	31200	3411-140-11	993205	9553-140-21
395930	3331-110-15	101031	3411-138-13	993215	9554-140-21
	50-130 HP	31202	3411-138-13	993206	9553-140-23
992103	9411-138-13	101032	3411-135-15	993216	9554-140-23
992103	9411-135-15	101033	3411-133-17		150-300 HP
992104	9411-133-17	101034	3411-130-19	101027	3511-148-17
992105	9411-132-19	101035	3411-130-21	101028	3511-145-19
992106	9411-132-19	335930	3441-138-15	345931	3551-148-16
993143	9431-135-15	335931	3441-133-17	345932	3552-148-17
993153	9432-135-15	335932	3441-133-19	345962	3551-148-17
993144	9431-133-17	335933	3431-130-21	345933	3551-148-19
993154	9432-133-17		150-175 HP	345963	3552-148-19
993145	9431-130-19	992002	9511-150-15	345934	3551-145-21
993155	9432-130-19	992003	9511-148-17	345964	3552-145-21
993146	9431-130-21	992004	9511-145-19	345935	3551-143-22
101036	3411-140-11	992005	9511-143-21	345936	3551-140-24
31200	3411-140-11	992202	9513-145-17	345941	3551-143-22
101031	3411-138-13	992203	9513-143-19	345937	3551-140-24
31202	3411-138-13	992204	9513-140-21	435935	3553-140-23
		993042	9531-145-15	435936	3553-140-25
101032	3411-135-15	993052	9532-145-15		
101033	3411-133-17	993043	9531-143-17		
101034	3411-130-19				

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

Suzuki

Michigan	SOLAS	Michigan	SOLAS
	9.9-15 HP		150-225 HP
62016	4111-093-09	992002	9511-150-15
	25-30 HP	992003	9511-148-17
305529	4231-101-13	992004	9511-145-19
305530	4231-100-15	992005	9511-143-21
	35-65 HP	992006	9511-142-23
32045	4311-120-10	992202	9513-145-17
32044	4311-118-11	992203	9513-143-19
32043	4311-116-12	992204	9513-140-21
32042	4311-116-13	993042	9531-145-15
32041	4311-116-14	993052	9532-145-15
395929	4331-111-13	993043	9531-143-17
395930	4331-110-15	993053	9532-143-17
	60-140 HP	993044	9531-140-19
992103	9411-135-15	993054	9532-140-19
992104	9411-133-17	993045	9531-140-21
992105	9411-132-19	993055	9532-140-21
992106	9411-132-21	993046	9531-140-23
992112	9431-138-13	993056	9532-140-23
993143	9431-135-15	993023	9571-155-17
993153	9432-135-15	993033	9572-155-17
993144	9431-133-17	993024	9571-153-19
993154	9432-133-17	993034	9572-153-19
993145	9431-130-19	993025	9571-150-21
993155	9432-130-19	990035	9572-150-21
993146	9431-130-21	993026	9571-148-23
31200	4411-140-11	993036	9572-148-23
31202	4411-138-13	993203	9553-143-17
	90-140 HP (4-Stroke)	993213	9554-143-17
992103	9411-135-15	993204	9553-141-19
992104	9411-133-17	993214	9554-141-19
992105	9411-132-19	993205	9553-140-21
992106	9411-132-21	993215	9554-140-21
992112	9431-138-13	993206	9553-140-23
993143	9431-135-15	993216	9554-140-23
993153	9432-135-15		
993144	9431-133-17		
993154	9432-133-17		
993145	9431-130-19		
993155	9432-130-19		
993146	9431-130-21		
31200	4411-140-11		
31202	4411-138-13		
	90-140 HP (4-Stroke)		
992103	9411-135-15		
992104	9411-133-17		
992105	9411-132-19		
992106	9411-132-21		
992112	9431-138-13		
993143	9431-135-15		
993153	9432-135-15		
993144	9431-133-17		
993154	9432-133-17		
993145	9431-130-19		
993155	9432-130-19		
993146	9431-130-21		



Aluminum
High Performance Propeller



Stainless Steel
High Performance Propeller

Tohatsu, Nissan

Michigan	SOLAS
	9.9-18 HP
142017	5111-093-08
	25-30 HP
142020	5211-099-09
305429	5221-100-13
	35-50 HP
142001	5311-116-11
143001	5331-120-09
143002	5331-116-11
143003	5331-114-12
143004	5331-111-13
143005	5331-111-14
	50-70 HP
142006	5311-111-13
142007	5311-110-15
325030	3431-135-15
325031	3431-133-17
	90-140 HP
992103	9411-138-13
992103	9411-135-15
992104	9411-133-17
992105	9411-132-19
992106	9411-132-19
993143	9431-135-15
993153	9432-135-15
993144	9431-133-17
993154	9432-133-17
993145	9431-130-19
993155	9432-130-19
993146	9431-130-21
101036	3411-140-11
31200	3411-140-11
101031	3411-138-13
31202	3411-138-13
101032	3411-135-15
101033	3411-133-17
101034	3411-130-19
101035	3411-130-21
335930	3441-138-15
335931	3441-133-17
335932	3441-133-19
335933	3431-130-21

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

Honda

Honda

Volvo

Volvo



Michigan	SOLAS	Michigan	SOLAS
9.9-15 HP		200, 225 HP	
112004	3111-093-07	992002	9511-150-15
102003	3111-093-08	992003	9511-148-17
102004	3111-093-09	992004	9511-145-19
102005	3111-093-10	992005	9511-143-21
25-30 HP		992202	9513-148-15
305229	5221-100-13	992203	9513-145-17
35-50 HP		992204	9513-143-19
32045	3311-121-09	993045	9531-140-21
32044	3311-118-11	993055	9532-140-21
32043	3311-114-12	993046	9531-140-23
32042	3311-111-13	993056	9532-140-23
32041	3311-111-14	993023	9571-155-17
32040	3311-110-15	993033	9572-155-17
395929	3331-111-13	993024	9571-153-19
395930	3331-110-15	993034	9572-153-19
75-130 HP		993025	9571-150-21
992103	9411-135-15	993035	9572-150-21
992104	9411-133-17	993026	9571-148-23
992105	9411-132-19	993036	9572-148-23
992106	9411-132-21	993203	9553-143-17
992112	9431-138-13	993213	9554-143-17
993143	9431-135-15	993204	9553-141-19
993153	9432-135-15	993214	9554-141-19
993144	9431-133-17	993205	9553-140-21
993154	9432-133-17	993215	9554-140-21
993145	9431-130-19	993206	9553-140-23
993155	9432-130-19	993216	9554-140-23
993146	9431-130-21	345131	1551-148-16
31054	1411-140-11	345132	1551-148-17
31202	1411-138-13	345162	1552-148-17
31041	1411-135-15	345133	1551-148-19
31042	1411-133-17	345163	1552-148-19
31043	1411-130-19	345134	1551-145-21
31044	1411-130-21	345164	1552-145-21
335130	1451-139-15	345135	1551-143-22
335131	1451-139-17	345165	1552-143-22
335132	1451-139-19	345141	XL 1551-143-22
335133	1451-139-21	345137	XL 1551-140-24
335134	XL 1451-139-23	345139	XL 1551-140-24
335135	XL 1451-139-25	435135	XL 1553-140-23
		435136	XL 1553-140-25

Michigan	SOLAS
992002	9511-150-15
992003	9511-148-17
992004	9511-145-19
992005	9511-143-21
992202	9513-145-17
992203	9513-143-19
992204	9513-140-21
993042	9531-145-15
993052	9532-145-15
993043	9531-143-17
993053	9532-143-17
993044	9531-140-19
993054	9532-140-19
993045	9531-140-21
993055	9532-140-21
993046	9531-140-23
993056	9532-140-23
993203	9553-143-17
993213	9554-143-17
993204	9553-141-19
993214	9554-141-19
993205	9553-140-21
993215	9554-140-21
993206	9553-140-23
993216	9554-140-23
161001	8611-150-15
161002	8611-148-17
161003	8611-145-19
161004	8611-143-21
161005	8611-142-23
346031	8651-148-16
346032	8651-148-17
346062	8652-148-17
346033	8651-148-19
346063	8652-148-19
346034	8651-148-21
346064	8652-148-21
346035	8651-148-23
346065	8652-148-23

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

SELVA to SOLAS Propellers Cross Reference

Engine			Selva standard propeller						Solas Match			Solas Match		
Gr.	hp	Type	OEM	BL.	D	P	Mat.	Amita 3	Amita 4	Saturn	New Saturn	HR Titan 4		
8	Ray 8	4 T	6G1-45947-00-EL	3	8 1/2	6 1/2	All	3011-085-07						
	Selva 9,9/15hp	2T	2501300	3	9 1/4	10	All	2111-093-10						
A	Dolphin 9.9 (S)	4 T	683-45952-00-EL	3	9 1/4	9 3/4	All	3111-093-10	3113-093-10	3121-093-10				
	Dolphin 9.9 (L)	4 T	683-45947-00-EL	3	9 1/4	9	All	3111-093-09	3113-093-09	3121-093-09				
	Dolphin 15	4 T	683-45943-00-EL	3	9 1/4	10 1/2	All	3111-093-10	3113-093-10	3121-093-10				
	Antibes 20xs	2 T	2505500	3	10 1/2	11	All	2211-105-11	2213-102-11		2231-108-10			
B	Antibes 25	2 T	2505500	3	10 1/2	11	All	2211-105-11	2213-102-11		2231-105-11			
	Antibes 30	2 T	2505520	3	10 1/2	12	All	2211-103-12	2213-101-12		2231-103-12			
	Maiorca 35	2 T	2505570	3	10 1/2	12.5	All	2211-101-13	2213-100-13		2231-101-13			
	Moray 25	4 T	664-45945-00-EL	3	9 7/8	10 1/2	All	3211-099-10		3221-100-10	3231-108-10			
C	Madeira 40	2 T	2505895		13	12	All	2311-125-13			2331-125-13			
	Madeira 40/50	2 T	2506050		12 1/2	13	All	2311-125-13			2331-125-13			
	St. Tropez 40	2 T	2506050		12 1/2	13	All	2311-125-13			2331-125-13			
	St. Tropez 40/60	2 T	2506060		12 1/2	14	All	2311-125-14		2321-123-15	2331-123-15			
	Manta 40	4 T	663-45945-02-EL	3	11 1/8	13	All	3311-111-13	3313-105-13	3321-111-13	3331-111-13			
	Barracuda 50/40	4 T	663-45945-02-EL	3	11 1/8	13	All	3311-111-13	3313-105-13	3321-111-13	3331-111-13			
	Dorado 60/40	4 T	663-45943-02-EL	3	11	15	All	3311-116-13		3321-111-13	3331-111-13			
	Tenerife 70	2 T	2505860		13	13	All	2411-138-13	2413-133-13	2421-138-12				
D	Best 800	2 T	2505860		13	13	All	2411-138-13	2413-133-13	2421-138-13	2431-138-13	2453-135-13		
	Portofino 70	2 T	2506020		13 3/4	13	All	2411-138-13	2413-133-13	2421-138-13	2431-138-13	2453-135-13		
	Portofino 75xs	2 T	2506020		13 3/4	13	All	2411-138-13	2413-133-13	2421-138-13	2431-138-13	2453-135-13		
	Portofino 80	2 T	2506020		13 3/4	13	All	2411-138-13	2413-133-13	2421-138-13	2431-138-13	2453-135-13		
	SuperBest 1000	2 T	2505840		13	15	All	2411-135-15	2413-130-15	2421-138-15	2431-135-15	2453-133-15		
	Montecarlo 90	2 T	2506030		13 1/2	15	All	2411-135-15	2413-130-15	2421-138-15	2431-135-15	2453-133-15		
	Montecarlo 100	2 T	2506030		13 1/2	15	All	2411-135-15	2413-130-15	2421-138-15	2431-135-15	2453-133-15		
	Marlin 100	4 T	6E5-45943-00-EL	3	12 5/8	21	All	3411-130-19	3413-125-19	3421-133-19	3431-130-19	3453-130-19		
Narwhal 115	4 T	688-45970-03-98	3	13	19	Acciaio	3411-130-19	3413-125-19	3421-133-19	3431-130-19	3453-130-19			
E	White Shark 150 HPDFI	2 T	6G5-45974-03-98	3	13 3/4	19	Acciaio	3511-150-17	3513-145-17		3531-143-17	3553-143-17		

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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Evinrude RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
5 4-Stroke	1999	5500-6500	2.23
5 4-Stroke	2000-2003	5000-6000	2.23
6 4-Stroke	1998-1999	5500-6500	2.23
6 4-Stroke	2000-2002	5000-6000	2.23
8 4-Stroke	1996-2002	5000-6000	2.42
9.8 4-Stroke	2012	5000-6000	2.08
9.8 4-Stroke	2013~	4500-6000	2.08/2.15
9.9	1974-1984	4500-5000	2.42
9.9	1985-2005	5000-6000	2.42
9.9 4-Stroke	1995-2001	5000-6000	2.42
15	1974-1980	5500-6500	2.42
15	1981-1993	5500-7000	2.42
15	1997-2005	5000-6000	2.42
15 4-Stroke	1995-2001	5000-6000	2.42
15 4-Stroke	2012	5000-6000	2.15
15 4-Stroke	2013~	4500-6000	2.08/2.15
25 4-Stroke	-	4700-5300	2.09
30 4-Stroke	-	5200-5800	2.27
40 4-Stroke	1999-2003	5200-5800	2.27
50 4-Stroke	1999-2003	5900-6500	2.27
65*	1984-2000	4500-5500	2.42
65*	2001	5000-6000	2.25
70 4-Stroke	1998	5000-6000	2.42
70 4-Stroke	1999-2003	5200-5800	2.42
90 Ficht	1998	4500-5500	2
90 Ficht	1999-2000	5500-6000	2
90 Ram	2001-2003	5250-5750	2
115 Ficht	1998	5000-6000	2
115 Ficht	1999-2000	5500-6000	2
115 Ram	2001-2003	5250-5750	2
150 Ficht	1999-2000	4800-5300	1.86
150 Ram	2001-2003	4750-5250	1.86
175 Ficht	1999-2000	5300-5800	1.86
175 Ram	2001-2003	5250-5750	1.86
200 Ficht	2001-2002	5500-6000	1.86
200 Ram	2003	5000-6000	1.85
225 Ficht	1999-2000	5500-6000	1.86
225 Ficht H.O	2003	5500-6000	1.86
225 Ram	2001-2003	5500-6000	1.86
250 Ficht	2000	5500-6000	1.86
250 Ram	2001-2003	5500-6000	1.86

* Commercial Models

Evinrude E-Tec RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
15 H.O.	2011~	5000-5500	2.15
25	2009-2010	5000-6000	2.15
25	2011-2014	5500-6100	2.15
25	2015~	5500-6000	2.15
30	2009-2010	5000-6000	2.15
30	2011-2014	5500-6100	2.15
30	2015~	5500-6000	2.15
40	2004-2010	5000-6000	2.67
40	2011~	5500-6000	2.67
50	2004~	5500-6000	2.67
55	2009~	5500-6000	2.67
60	2004~	5500-6000	2.67
65 Pontoon Ser.	2014~	5000-5500	2.36
75	2004-2014	4500-5500	2.00/2.25
75	2015~	5000-5500	2.00/2.25
90	2004-2014	4500-5500	2.00/2.25
90	2015~	5000-5500	2.00/2.25
90 H.O.	2014~	5500-6000	2.00/2.25
90 Pontoon Ser.	2014~	5000-5500	2.36
115	2004-2007	4500-5500	2.00/2.25
115	2008~	5500-6000	2.00/2.25
115 H.O.	2009~	5500-6000	2.00/2.25
115 Pontoon Ser.	2014	5300-6000	1.86/2.25
115 Pontoon Ser.	2015~	5500-6000	2.44
130	2004-2008	5000-6000	2.00/2.25
130	2009~	5500-6000	2.00/2.25
135 H.O.	2014~	5300-6000	1.85/1.86
150	2008-2014	4850-5850	1.86
150	2015~	5300-6000	1.85/1.86
150 H.O.	2009~	4850-5850	1.86
150 Pontoon Ser.	2014	5300-6000	1.86/2.25
175	1977-2014	4850-5850	1.86
175	2015~	5300-6000	1.85/1.86
200	2006	4750-5750	1.86
200	2007-2014	4850-5850	1.86
200	2015~	5300-6000	1.85/1.86
200 H.O.	2006-2010	4500-5800	1.86
200 H.O.	2011-2014	4500-5800	1.85
200 H.O.	2015~	5250-6000	1.85
225	2006-2014	4500-5800	1.86
225	2015~	5250-6000	1.85
225 H.O.	2006-2008	4500-5800	1.86
225 H.O.	2009-2010	4500-5800	1.71
225 H.O.	2011-2014	4500-5800	1.85
225 H.O.	2015~	5250-6000	1.85
250	2006-2014	4500-5800	1.85
250	2015~	5250-6000	1.85
250 H.O.	2008-2011	4500-6000	1.71
250 H.O.	2012-2014	5000-6000	1.85
250 H.O.	2015~	5300-6000	1.85
300	2009-2014	5000-6000	1.86
300	2015~	5300-6000	1.85

Johnson RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
2	-	4000-5000	1.85
3.3	-	4500-5500	1.85
3.5	-	4500-5500	1.85
4	1980-1983	4000-5000	1.65
5	-	4600-5400	1.92
6	1986-2005	4500-5500	2.23
6 4-Stroke	1997-2003	5500-6500	2.23
8	2000-2005	5000-6000	2.23
8 4-Stroke	1996-2004	5000-6000	2.42
9.9	2000-2005	5000-6000	2.42
9.9 4-Stroke	2002-2007	4500-5500	1.92
15	2000-2004	5000-6000	2.42
15	2005-2007	5500-6500	2.42
15 4-Stroke	2002-2007	5400-6000	1.92
25	1984-2005	4500-5500	2.15
25 3 Cyl.	1984-2005	5200-5800	2.15
25 4-Stroke	2004-2006	5000-5600	2.09
30	1984-2000	5200-5800	2.15
30	2001-2005	4500-5500	2.23
30 4-Stroke	2004-2007	5500-6100	2.09
35	1981-1983	5200-5800	1.93
40	1984-2005	4500-5500	2.42
40 4-Stroke	1999-2005	5200-5800	2.27
50	1975-2005	4500-5500	2.42
50 4-Stroke	1999-2005	5900-6500	2.27
60 3 Cyl.	1989-2003	5000-6000	2.42
60 4-Stroke	1998-2005	4700-5300	2.42
70 3 Cyl.	1974-2001	4500-5500	2.42
70 4-Stroke	1999-2005	5200-5800	2.42
90*	2001-2006	4500-5500	2
90 4-Stroke	2003-2005	4500-5500	2.59
115*	2001-2006	4500-5500	2
115 4-Stroke	2003-2005	5000-6000	2.59
135*	-	5000-6000	2.25
140 4-Stroke	2003-2005	5600-6200	2.38
150*	2003-2006	4500-5500	1.86
175*	2003-2006	4500-5500	1.86
200*	1987-2001	5000-6000	1.86
200 4-Stroke	2004-2005	5000-6000	2.29
225*	1986-2001	5000-6000	1.86
225 H.O.	-	5000-6000	1.86
225 4-Stroke	2004-2005	5000-6000	2.29
250*	-	5000-6000	1.86

* Includes OceanPro

Nissan/Tohatsu RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
8 4-Stroke	2005~	5000-6000	2.08
9.8 4-Stroke	2005~	5000-6000	2.08
9.9	1984-1998	4500-5300	1.85
9.9 4-Stroke	2000	4500-5500	2.15
15	1998-2000	5200-5800	1.85
15 4-Stroke	2000~	5000-6000	2.15
18	1985-1997	4750-5500	1.85
18	1998-2001	5200-5800	1.85
18 4-Stroke	2001-2008	5000-6000	2.12
20 4-Stroke	2007~	5400-6100	2.15
25	1986-1998	4800-5500	1.92
25	1999-2001	5000-6000	1.92
25 4-Stroke	2002-2014	5000-6000	1.92
25 4-Stroke	2015~	5000-6000	2.17
30	1985-1998	4800-5500	1.92
30	1999-2001	5150-5850	1.92
30 4-Stroke	2002-2014	5250-6250	1.92
30 4-Stroke	2002-2014	5250-6250	2.17
40	1990-1999	4500-5500	1.85
40 TLDI	2003~	5150-5850	1.85
MFS 40 4-Stroke	2015~	5000-6000	2.08
50	1991-1999	5000-5700	1.85
50	2000~	5150-5850	1.85
50 TLDI	2003~	5150-5850	1.85
MFS 50 4-Stroke	2015~	5000-6000	2.08
BFW 60	2014~	5000-6000	2.33
BFT 60	2014~	5000-6000	2.07
70	1992-1997	4900-5600	2.3
70 TLDI	1998~	5150-5850	2.3
75 TLDI	2010~	5150-5850	2.3
BFT75	2014~	5000-6000	2.3
90	1987-1999	5000-5500	2
90	2000-2009	5150-5850	2
90 TLDI	2010~	5150-5850	2.3
BFT90	2010~	5300-6300	2.33
115	1993-2002	5200-5700	2
115 TLDI	2003~	5150-5850	2.00
BFT 115	2014~	4500-6000	2.14
120	1992-2003	5200-5700	2.00
140	1992-2003	5200-5700	2.00
BFT 150	2014~	5000-6000	2.14
BFT 200	2014~	5000-6000	1.86
BFT 225	2014~	5000-6000	1.86
BFT 250	2014~	5300-6300	2.00

Yamaha RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
4	1986-1999	4500-5500	2.08
F4 4-Stroke	1999-2014	4000-5000	2.08
F4 4-Stroke	2015~	4500-5500	2.08
5	1995-2002	4500-5500	2.08
F6 4-Stroke	1986~	4500-5500	2.08
F6A 4-Stroke	2012~	4500-5500	2.08
8	1986~	4500-5500	2.08
F8 4-Stroke	1986~	5000-6000	2.08
9.9	1984~	4500-5500	2.08
F9.9 4-Stroke	1986-2007	4500-5500	2.08
F9.9 4-Stroke	2008~	5000-6000	2.08
15	1984~	4500-5500	2.08
F15 4-Stroke	2000-2006	4500-5500	2.08
F15 4-Stroke	2007~	5000-6000	2.08
F20 4-Stroke	2007~	5000-6000	2.08
25	1988	4500-5500	2.08
F25 4-Stroke	1998-2006	5000-6000	2.08
F25 4-Stroke	2010~	5000-6000	2.08
T25 HT	2010~	5000-6000	2.42
30	1979-2002	4500-5500	1.85
F30 4-Stroke	2001-2005	5000-6000	2
F30 4-Stroke	2015~	5000-6000	2
40	1984~	4500-5500	1.85
F40 4-Stroke	1999~	5000-6000	2
50	1984~	4500-5500	1.85
F50 4-Stroke	1995~	5000-6000	1.85
T50 HT	1996~	5000-6000	2.33
55	1976-1995	4500-5500	1.84
60	1976-1991	4500-5500	2.33
F60 4-Stroke	1999~	5000-6000	1.85
T60 HT	2003~	5000-6000	2.33
70	2000~	5000-6000	2.33
F70 4-Stroke	2010~	5300-6300	2.33
F75 4-Stroke	2003-2012	5000-6000	2.31
F75 4-Stroke	2013~	5000-6000	2.27
F80 4-Stroke	1999-2002	5000-6000	2.31
85	1991-1997	4500-5500	2
90	1984~	4500-5500	2
F90 4-Stroke	2003~	5000-6000	2.27
F100 4-Stroke	1999~	5000-6000	2.31
115	1994~	4500-5500	2
F115 4-Stroke	2000-2014	5000-6000	2.15
F115 4-Stroke	2015~	5300-6000	2.15
130	2001-2003	5000-6000	2
F150 4-Stroke	2004~	5000-6000	2
175 HPDI	2007~	4500-5500	1.86
F175 4-Stroke	2014~	5000-6000	1.86
200	1984~	4500-5500	1.86
200 HPDI	2000~	4500-5500	1.86
F200 4-Stroke	2002-2012~	5000-6000	2
F200 4-Stroke	2013~	5000-6000	1.86
225	2006~	5000-6000	1.75
F225 4-Stroke	2002~	5000-6000	2
F225 Offshore	2010~	5000-6000	1.75
250 HPDI	2003~	4500-5500	1.8

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 Chat			
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

Honda RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
BF 8	1987-1999	4950-5500	2.4
BF 9.9	1988-1999	4500-5500	2.1
BF 9.9	2000~	5000-6000	2.33
BF 15	1991-2002	5000-6200	2.1
BF 15	2003~	4500-5500	2.08
BF 20	2003~	5000-6000	2.08
BF 25	1994~	5000-6000	2.08
BF 30	1995-1999	5500-6000	2.08
BF 30	2000-2005	5700-6200	2.08
BF 30	2006~	5000-6000	2.08
BF 35	1991-1994	4600-5600	2.09
BF 40	1995~	5000-6000	2.09
BF 45	1991-1994	5000-6000	2.09
BF 50 / 50 A	1995~	5500-6000	2.09
BF 60	2010~	5000-6000	2.07
BFP 60	2010~	5000-6000	2.33
BF 75	1995~	5000-6000	2.33
BF 90	1995-2002	5000-6000	2.33
BF 90	2003-2006	5000-6000	2.3
BF 90	2007~	5300-6300	2.33
BF 115	1998-2010	5000-6000	2
BF 115	2011~	4500-6000	2.14
BF 130	1998-2004	5000-6000	2
BF 135	2004~	5000-6000	2.14
BF 150	2004~	5000-6000	2.14
BF 200	2002~	5000-6000	1.86
BF 225	2002~	5000-6000	1.86
BF 250	2012~	5300-6300	2

Volvo RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
3.0 L GS	1994~	4200-4600	1.97 / 2.18
3.0L Gxi	2010	4400-4800	
4.3L GL	1994~	4200-4600	
4.3L GS	1994-1999	4400-4800	
4.3L Gi	1996-2002	4400-4800	
4.3L Gxi	2002~	4400-4800	
5.0L FL	1994~	4200-4600	1.66
5.0L Fi	1994~	4200-4600	1.66
5.0L GL	1998~	4400-4800	1.51 / 1.60
5.0L Gi	1998-1999	4400-4800	1.51 / 1.60
5.0L Gxi	2002~	4600-5000	1.51 / 1.60
5.7L GL	1994-1996	4200-4600	1.6
5.7L Gii	1997~	4200-4600	1.6
5.7L Gi	1996-1997	4200-4600	1.51
5.7L Gi	2002~	4600-5000	1.43
5.7L GS	1997	4200-4600	1.51
5.7L GS	1998~	4400-4800	1.51 / 1.43
5.7L Gxi	1997~	4600-5000	1.43
5.7L Gxi	2001~	4600-5000	1.43
5.8L FL	1994-1997	4000-4400	1.51
5.8L Fsi	1995	4600-5000	1.43
5.8L FSi	1996-1997	4200-4600	1.51
7.4L GL	1997	4200-4600	1.43
7.4L Gi	1997-2001	4200-4600	1.43
7.4L Gsi	1997	4800-5200	1.43
8.2L Gsi	1997	4600-5000	1.43

Suzuki RPM Chart			
HP/Model	Years	WOT RPM	Gear Ratio
DF 9.9	1997-2000	4500-5500	1.92
DF 9.9	2001-2008	5400-6000	1.92
DF 9.9	2009	4900-5500	2.08
DF 9.9	2010~	5200-6200	2.08
DF 9.9A	2010~	5200-6200	2.08
DF 9.9B	2014~	5000-6000	2.08
DF 9.9BT	2015~	4700-5700	2.08
DF 9.9TH	2015~	4500-5500	2.08
DF 15	1997-2001	5400-6000	1.92
DF 15A	2013~	5000-6000	2.08
DF 20A	2013~	5000-6000	2.08
DF 20AT	2015~	5300-6300	2.08
DF 25	2000-2006	4700-5300	2.27
DF 25	2007-2008	4500-5500	2.09
DF 25	2009~	4700-5300	2.09
DF 25A	2014~	5000-6000	2.09
DF 30	2000-2007	5500-6100	2.27
DF 30A	2014~	5300-6300	2.09
DF 40	1999-2009	5200-5800	2.27
DF 40A	2010~	5000-6000	2.27
DF 50	1999-2009	5900-6500	2.27
DF 50A	2010~	5300-6300	2.27
DF 50AV	2014~	5300-6300	2.42
DF 60	1998-2009	4700-5300	2.42
DF 60A	2010~	5300-6300	2.27
DF 60AV	2014~	5300-6300	2.42
DF 70	1998-2008	5200-5800	2.42
DF 70A	2009~	5000-6000	2.59
DF 80A	2009~	5000-6000	2.59
DT 85	1991-2000	5000-6000	2.08
DF 90	2001-2008	4500-5500	2.59
DF 90A	2009~	5300-6300	2.59
DT 100	1991-2000	5250-5750	2.08
DF 115	2001-2012	5000-6000	2.59
DF 115A	2013~	5000-6000	2.59
DF 140	2002-2012	5600-6200	2.59
DF 140A	2013~	5600-6200	2.59
DT 150 EFI	1995-2003	4500-5500	1.86
DF 150	2006~	5000-6000	2.50
DF 175	2006~	5500-6100	2.50
DF 175 TG	2014~	5500-6100	2.50
DF 200	2004~	5000-6000	2.29
DF 200A	2015~	5500-6100	2.50
DF 225	2004~	5000-6000	2.29
DF 250	2004~	5500-6100	2.29
DF 250AP	2014~	5500-6100	2.08
DF 300	2007-2011	5700-6300	2.08
DF 300A	2012~	5700-6300	2.08
DF 300AP	2014~	5700-6300	2.08



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