

2027

PROPELLER CATALOG



 **SOLAS®** **RUBEX™**



Designed by SOLAS' hydraulic flow experts,

SOLAS' Turbo Impeller has superb performance in all aspects. In addition to the chosen stainless steel with better strength and great corrosion resistance, SOLAS' Turbo Impeller is also manufactured with high accuracy. With its offset inducer blade configuration and substantially extended blade area, SOLAS' Turbo Impeller has remarkable acceleration and resistance to cavitation, making it the perfect choice for vessels operating in white water.



For HamiltonJet HJ212

HamiltonJet is a registered trademark of the C.W.F. Hamilton & Co. Limited.

H2-2937T

3.4T

H2-3038T

4.0T



The Leader at Every Turn

The Secret of Winner

The redefined

For part numbers, please refer to page R8

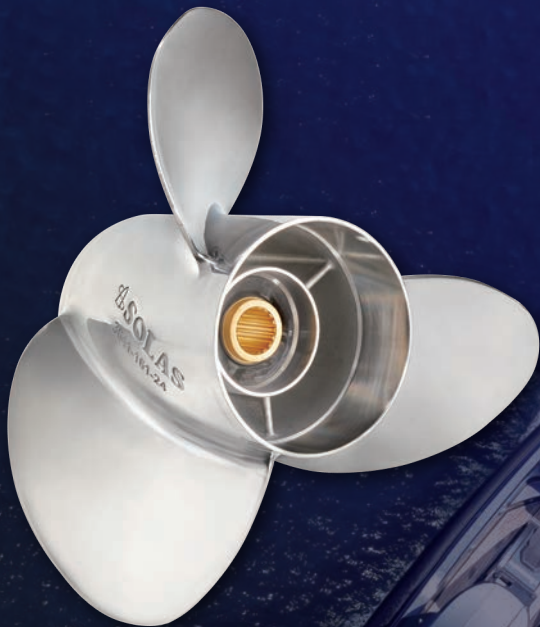
Introducing the **All-New**
Domination. Precision. Power

BLIZ

Dominate the water with the modernized **Bliz Series**—purpose-built for high-performance outboards from 150 HP and up. The cutting-edge **Bliz** is a game-changer.

With Aggressive Blades for speed without compromise, this new **Bliz** delivers a blistering **hole shot** that gets you on plane faster than ever before. Moreover, it doesn't stop there—**mid-range acceleration is smoother, stronger, and more responsive**, giving you total control when it matters most.

At the heart of the **Bliz's** design, it's equipped with **SAV** (Solas Adjustable Vent), allowing you to **customize performance** for your exact setup. Whether you're rigging a tournament bass boat, flats boat, or light bay boat, **Bliz** gets you to the front — and keeps you there.



For part numbers, please refer to page P21

YF **SERIES**

For YAMAHA*



F425 and F450

- **Massive blade area that enhances your boating experiences and speed**
- **Outstanding cupping for better grip and minimize ventilation**
- **Specially-designed blade geometry for bigger boats and horsepower**



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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.



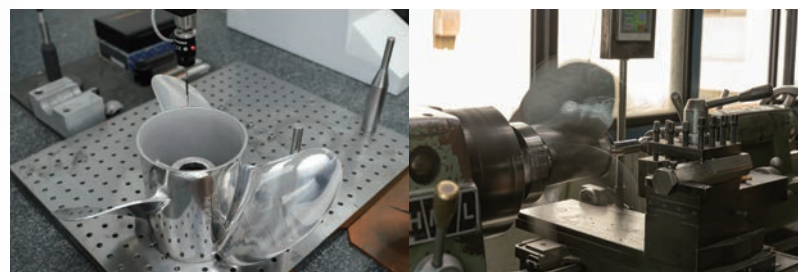
ISO 9001 / ISO 14001 CERTIFIED

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



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

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

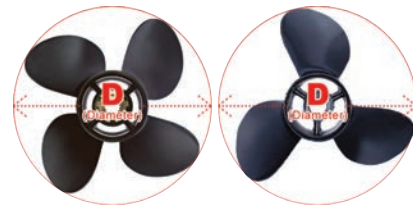


Propeller Basics :

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.

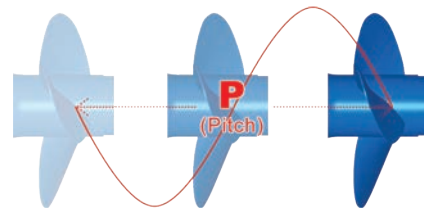


2. Diameter :

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

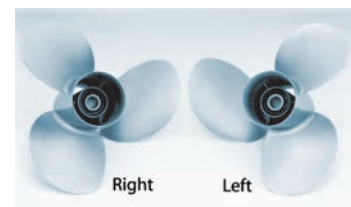
3. Pitch :

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).



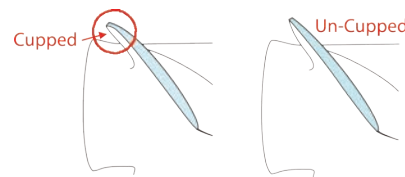
4. Right hand or Left hand Rotation?

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.



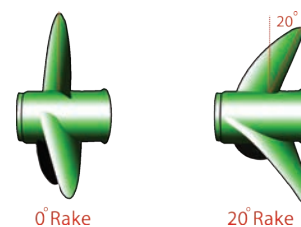
5. Cupped Blades:

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.)?

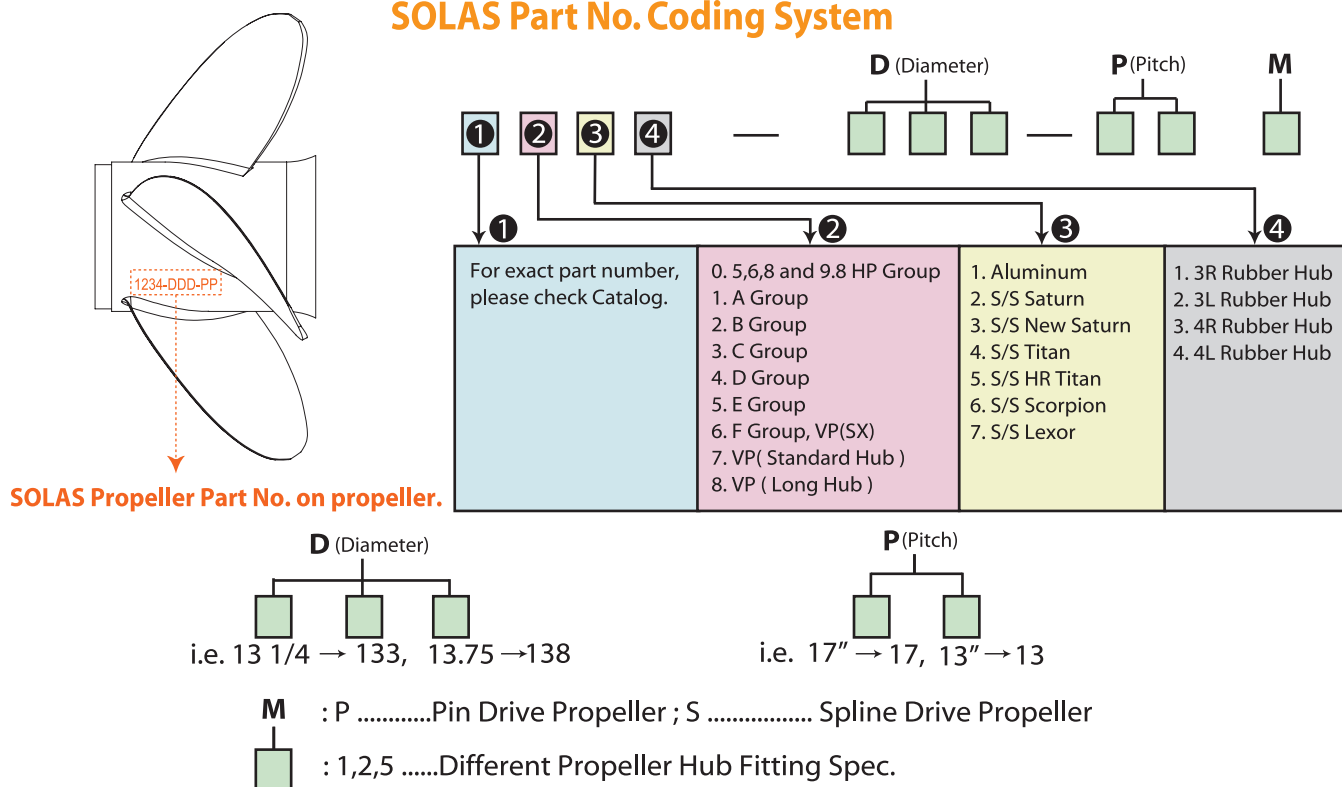
SOLAS offers a variety of propeller products to satisfy a wide range of engine and hull configurations. The following chart will help you choose the correct SOLAS propeller to meet your specific boating application.

SOLAS PROPELLER	PROPELLER APPLICATION																														
	OUTBOARD																	STERNDRIVE								FEATURES					
	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	Family Cruiser	Cruiser Boats	Deck Boat	Pontoon	Houseboat	Inboard-Ski Boat	Material	Blades	Rotation Available	Hub Type	
Amita3	●	●	●	●	●		●	●	●			●	●		●	●	●				●				●		AL	3	R,L	R	
Amita4	●		●					●	●			●			●	●	●				●				●		AL	4	R,L	R	
Bravo Two																					●					AL/SS	3	R,L	R		
Saturn	●	●											●		●		●								●		SS	3	R,L	R	
New Saturn	●	●										●			●		●								●		SS	3	R,L	R	
Titan	●	●	●					●	●			●			●		●				●				●		SS	3	R,L	R	
HR Titan3			●					●	●												●						SS	3	R,L	R	
HR Titan4				●	●		●	●	●		●	●			●	●			●	●	●		●	●	●		SS	4	R,L	R	
Scorpion				●																							SS	3	R,L	R	
Lexor						●		●	●	●	●								●	●	●			●	●		SS	3	R,L	R	
Solas Ski																			●								●	SS	3.4	R	N/A
Solas Plastic	●																										PL	3	R	N/A	
High Thrust														●													AL	4	R	R	
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

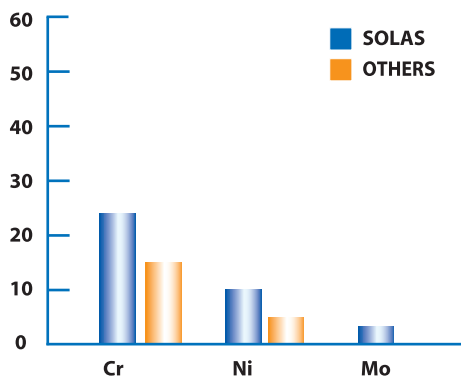


Smooth, Durable, High Precision → Overall Performance

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.

Reliability and Precision

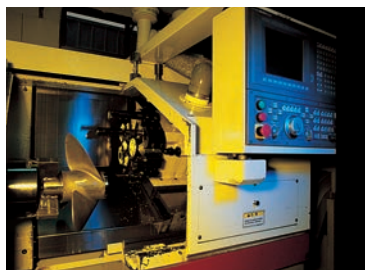
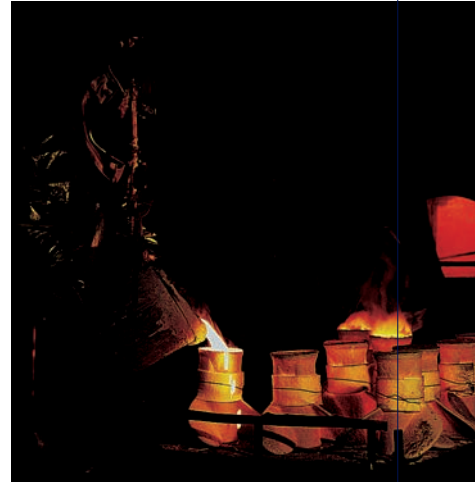


SOLAS Stainless Steel Propellers - Feature the industry's highest percentage of chromium, nickel, and molybdenum. Our material resists rust from salt water and increases the stability of the propeller blades.

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



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

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



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

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



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

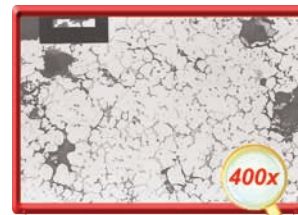


SATURN PROP Stainless steel 3 blade Rubber Hub

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

Unparalleled Durability

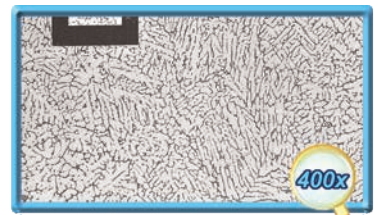
Solas aluminum propellers are manufactured with state-of-the-art squeeze casting process. With this exclusive technique, Solas aluminum propellers are almost non-porous and thus stronger and tougher than traditional die cast propellers.



Standard Die Cast



Cutting-face
Other brand's prop



SOLAS Squeeze Cast



Cutting-face
SOLAS Prop

About SOLAS Coating



1st Coat Baked Surface Paint

Cutting-face
Other brand's coating



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

Cutting-face
SOLAS Prop



Salt Water Spray Testing

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

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

Aluminum High Performance Propellers



AMITA 3 Aluminum 3 blade Rubber Hub

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



AMITA 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.

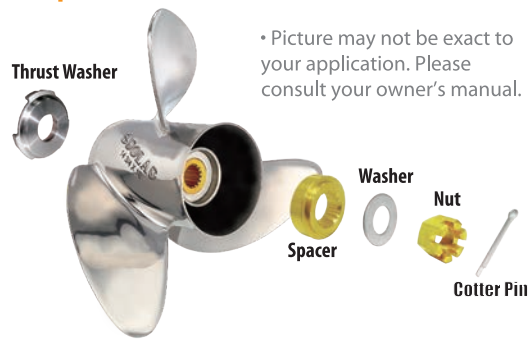
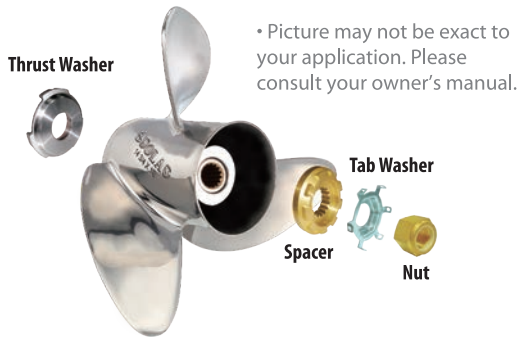
With the required equipment the rubber hubs are designed to install simply by pressing them into the hub with minimal of effort. However, they still offer excellent gripping force to keep the propeller from slipping.



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
	BRP/OMC/Evinrude/Johnson	170230	OC-RB	YES
	Suzuki	1703301	YC-RB	YES
	Yamaha/Honda/Tohatsu/Nissan	1703301	YC-RB	YES

Group	Engine Brand	Part#	Parts	Fit O/E Propeller
D	Mercury/Mariner/Honda	170140	MD-RB	YES
	Yamaha/Tohatsu/Nissan	170340	YD-RB	YES
	BRP/OMC/Evinrude/Johnson	170240	OD-RB	YES
	Suzuki	170440	SD-RB	YES
	Force(~94)	170340	YD-RB	YES
D*	Suzuki	170340	YD-RB	YES
E	Mercury/Mariner/Honda	170150	ME-RB-2	YES
	Yamaha	170350	YE-RB-2	YES
	BRP/OMC/Evinrude/Johnson(Amita)	1702502	OE-RB-2	NO
	BRP/OMC/Evinrude/Johnson(S/S)	1702501	OE-RB-1	YES
	Suzuki	1704502	SE-RB-2	YES
F	Mercury Bravo Two(S/S)	170160	MF-RB	YES
	Mercury Bravo Two(Amita)	17016801	MF-RBX	NO
	Yamaha	17036801	YF-RBX	NO
Volvo Penta	Aquatic 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 Prop(S/S)	1707401	VD-RB-1	NO
	Rear Dual Prop(S/S)	1707402	VD-RB-2	NO
	Front Dual Prop(Aluminum)	1707404	VD-RB-4	NO
	Rear Dual Prop(Aluminum)	1707402	VD-RB-2	NO
G	Suzuki	17047301	SG(F)-RBX	NO
		17047302	SG(R)-RBX	NO

SA-RB⁺ : with spacer built on it


● 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	MESP2	81051151	MEWS2	81081140	MDNT	8114114		
BRAVOIII	G	MGFTW	81011171					MGFNT	81141171		
		MGRTW	81011172					MGRNT	81141172		
BRP JOHNSON ENVINRUDE	A	OATW	8101121	OASP	8105121			OANT	8114121	CPIN	85100001
	B	OBTW	8101122	OBSP	8105122			OBNT	8114122	CPIN	85100001
	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	CPIN	85100001
	B	YBTW	8101132	YBSP	8105132	YBWS	8104132	YBNT	8114132	CPIN	85100001
	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	CPIN	85100001
	B	SBTW	8101142	SBSP	8105142	YBWS	8104132	SBNT	8114142	CPIN	85100001
	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
	G	SGFTW	81013471	SGFSP	81053471	SGFWS	81083474	SGFNT	81143471		
	G	SGRTW	81013472	SGRSP	81053472	YDWS	81061140	YENT	8114135	EPIN	85100003
TOHATSU	A	TATW	8101151			TAWS	8104151	TANT	8114151	CPIN	85100001
	B	TBTW	8101152			TAWS	8104151	TANT	8114151	CPIN	85100001
	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	CPIN	85100001
	B	HBTW	8101162			YBWS	8104132	YBNT	8114132	CPIN	85100001
	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

SOLAS Fixed Pressed in Prop Hardware Kits

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
	81013150 METW		MEWS	MDNT		
E 90~ HP						17015501A
	81013150 METW	81051151 MESP2	MEWS2	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	CPIN	
B 15~35 HP			N/A			17022501
	OBTW	OBSP		OBNT	CPIN	
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	CPIN	
B 20~30 HP						17032501
	YBTW	YBSP	YBWS	YBNT	CPIN	
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	CPIN	
B 20~30 HP						17042501
	SBTW	SBSP	YBWS	SBNT	CPIN	
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	
G 300~350 HP						17047501
	SGFTW	SGFSP	SGFWS	SGFNT		
						17047502
	SGRTW	SGRSP	YDWS	YENT	EPIN	

* Refer to the propeller's application (A,B,C,D,E) on Page (P23~P30).

*** 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	CPIN	
B 25~30 HP		N/A				17052501
	TBTW		TAWS	TANT	CPIN	
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 (P31~P36).

HONDA

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 8~20 HP		N/A				17061501
	HATW		YAWS	YANT	CPIN	
B 25~30 HP		N/A				17062501
	HBTW		YBWS	YBNT	CPIN	
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 (P37~P42).

RUBEXTM ALUMINUM

Interchangeable Hub Propellers



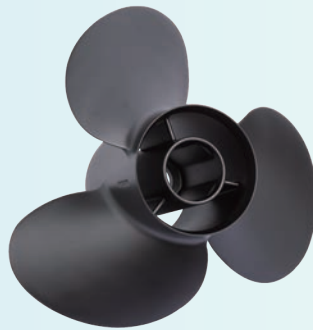
RUBEX 3

- * 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

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

A

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

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

B

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
(Thru Hub Exhaust)
3-1/4" Gearcase

C

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

D

The Gearcase Adapter Ring supplied in the package can be purchased additionally with PART NO. 73191005

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
(Thru Hub Exhaust)
4-3/4" Gearcase

E

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
4	14.5	17	R	9513-145-17
4	14.5	17	L	9514-145-17
4	14.25	19	R	9513-143-19
4	14.25	19	L	9514-143-19
4	14	21	R	9513-140-21
4	14	21	L	9514-140-21



PRO L3



PRO L4

PRO SERIES

High Precision Blade for High Performance

- Lab Finished Pro series with precise pitch and cup control for single and multi-engine applications.
- Patented SOLAS Adjustable Vents(SAV) fine tune the amount of venting to decrease planning time.
- Longer barrel to maximize acceleration.
- Much more aggressive camber and cupping for top performance and speed.

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.

NEW!

LEXOR PLUS



An excellent choice for various boating applications where power, efficiency and performance are required

B	D	P	R	Part No.
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4	16	16	R	9573-160-16
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4	16	18	R	9573-160-18
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4	16	20	R	9573-160-20
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4	16	22	R	9573-160-22
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4	16	24	R	9573-160-24
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4	16	16	L	9574-160-16
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4	16	18	L	9574-160-18
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4	16	20	L	9574-160-20
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4	16	22	L	9574-160-22
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4	16	24	L	9574-160-24
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RUBEX™

RUBEX™

STAINLESS STEEL

Interchangeable Hub Propellers



BLiZ

- * Faster Hole Shot
- * Higher Top-End Speed
- * Strong Mid-Range Acceleration
- * SAV Adjustable Vent



RUBEX L4 Plus

- * Strong acceleration and reliable power
- * Optimized design for maximum efficiency
- * Smooth handling and stable operation
- * Ideal for a wide range of boating applications



RUBEX S3

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

PRO SERIES

SAV

Solas Adjust Vent

High Precision Blade for High Performance



PRO L3



PRO L4

1. More aggressive camber design & cupping
2. Longer barrel
3. Equipped with SAV (Solus Adjustable Vent)
4. Mainly for bigger horsepower 200hp and up



HYDRA

- * Smaller blade area to increase rpms & speed
- * 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	11	R	9333-115-11
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

The Gearcase Adapter Ring supplied in the package can be purchased additionally with PART NO. 73191005

Stainless steel 3 blade HYDRG RBX Rubber Hub				
B	D	P	R	PART NO.
3	13 1/8	14	R	9481-131-14
3	13 1/8	16	R	9481-131-16
3	13 1/8	18	R	9481-131-18
3	13 1/8	20	R	9481-131-20
3	13 1/8	22	R	9481-131-22

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

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 7/8	15	R	9451-139-15
3	13 7/8	15	L	9452-139-15
3	13 7/8	17	R	9451-139-17
3	13 7/8	17	L	9452-139-17
3	13 7/8	19	R	9451-139-19
3	13 7/8	19	L	9452-139-19
3	13 7/8	21	R	9451-139-21
3	13 7/8	21	L	9452-139-21
3	13 7/8	23	R	9451-139-23
3	13 7/8	23	L	9452-139-23
3	13 7/8	25	R	9451-139-25

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

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 3 blade HYDRG 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



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

Important :

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

⊗ 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	13	R	* 9571-160-13
3	16	13	L	* 9572-160-13
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

* Lab finished version

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

NEW! Stainless steel 3 blade BLiZ SAV System RBX Rubber Hub 150 HP UP				
B	D	P	R	PART NO.
3	14	22	R	9561-140-22
3	14	23	R	9561-140-23
3	14	24	R	9561-140-24
3	14	25	R	9561-140-25
3	14	26	R	9561-140-26

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 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 4 blade RUBEX L4 Plus RBX Rubber Hub NEW!				
B	D	P	R	PART NO.
4	16	16	R	9573-160-16
4	16	16	L	9574-160-16
4	16	18	R	9573-160-18
4	16	18	L	9574-160-18
4	16	20	R	9573-160-20
4	16	20	L	9574-160-20
4	16	22	R	9573-160-22
4	16	22	L	9574-160-22
4	16	24	R	9573-160-24
4	16	24	L	9574-160-24

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

Stainless steel 3 blade PRO L3 SAV System Lab finished 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 PRO L4 SAV System Lab finished 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



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		
Mercury / Mariner / Mercruiser		Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
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)		N/A	N/A	RBX-A10	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)		N/A	N/A	RBX-A50	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		N/A	N/A	RBX-B10	N/A	B1
25 HP 80-84, 28 HP 76-79, 30 HP 79-90; (10 Tooth Spline) (Japan Origin Yamaha) 3" Gearcase		N/A	N/A	RBX-B30	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		N/A	N/A	RBX-B50	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; 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
Pro XS 175HP V6/200-300 HP V8, SeaPro 200HP V6/ 225-300HP V8 Models with 1 1/4" propshaft; 19 tooth spline (Rubber & SS Hub)		Stainless Steel Hub		RBX-123	17016300	E+
225 EFI (4-Stroke) manufactured by Yamaha ; 15 tooth spline 4-3/4" Gearcase		RBX-124	17015300	RBX-124B	17015304	E

Nissan / Tohatsu		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)		N/A	N/A	RBX-A50	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		N/A	N/A	RBX-B50	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; MFS 75A-115A 2020 & Newer; MFS 140A 2021 & Newer 15 tooth spline 4-1/4" Gearcase		RBX-109	17015300	RBX-109B	17015304	D
BFT 115-250 HP 2014 & Newer; 15 tooth spline 4-3/4" Gearcase		RBX-107	17015300	RBX-107B	17015304	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)		N/A	N/A	RBX-A20	N/A	A
9.9 - 15 HP (4-Stroke) Johnson 02-07 JAPAN ORIGIN SUZUKI 2-1/2" Gearcase (10 Tooth Spline)		N/A	N/A	RBX-A40	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		N/A	N/A	RBX-B20	N/A	B1
Johnson 25-30 HP (4-Stroke) 04-07; JAPAN ORIGIN SUZUKI (10 Tooth Spline) 3" Gearcase		N/A	N/A	RBX-B40	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)		N/A	N/A	RBX-A30	N/A	A
BF 25 HP 94 & Newer, BF 30 HP 95 & Newer; (10 Tooth Spline) 3" Gearcase		N/A	N/A	RBX-B50	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
BF 350 V8 2024 & Newer; 17 Tooth Spline 5-1/4" Gearcase		N/A	N/A	RBX-129	17039300	E ⁺ With Ring

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



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		
<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) 07-17, 9.9 HP (2-Stroke) 84-09, 15 HP (2-Stroke) 84-09, F15 C 07 & Newer, 2-1/2" Gearcase (8 Tooth Spline)	N/A	N/A	RBX-A30	N/A	A
20 HP 96-97, F20 (4 Stroke) 18 & Newer, F25 (4 Stroke) 98-06; 10 & Newer, 25 HP 80 & Newer, 30 HP 1979-2002 (10 Tooth Spline) 3" Gearcase	N/A	N/A	RBX-B30	N/A	B2
T25 HP 2010 - 2018, 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
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
150-225 HP 1984 & Newer, 15 tooth spline	RBX-203	17015302	RBX-203B	17015301	E
250 HP 1984 & Newer, 300 HP V6 2004-2007 & 2010 & Newer; Sterndrives 1989-1993, 350HP V6 15 tooth spline	N/A	N/A	RBX-203B	17015301	E
200 – 250 HP VMAX SHO V6 15 tooth spline (2-piece thrust washer system)	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 ⁺ With Ring

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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RBX Box



RUBEX HUB KIT APPLICATION CHART	ALUMINUM HUB		BRONZE HUB		
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

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

Suzuki	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, DF15A; DF20A 2013 & Newer 2-1/2" Gearcase (10 Tooth Spline)	N/A	N/A	RBX-A40	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	N/A	N/A	RBX-B40	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 75A & DF 80A & DF 90A & DF 100B (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 -12, DF 115 2001-12, (All 4-Stroke); 15 tooth spline 4-1/4" Gearcase	RBX-125	17015300	RBX-125B	17015304	D+
DF 100A & DF 115A & DF 115B & 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(A) HP (4-Stroke); 15 tooth spline 4-3/4" Gearcase	RBX-104	17015300	RBX-104B	17015304	E

OXE Diesel	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
125 HP, 150 HP, 175 HP, 200 HP; 15 tooth spline	RBX-102	17015300	RBX-102B	17015304	E
300 HP; 17 tooth spline	N/A	N/A	RBX-128	17039300	E+

COX Diesel	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
300 HP; 19 tooth spline (Rubber & SS Hub)	RBX-123	17016300	N/A	N/A	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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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	Spacer	Washer	Nut
	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	Spacer	Washer	Nut	Cotter Pin
	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TANT	C pin(1 1/2")
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

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 ~ 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

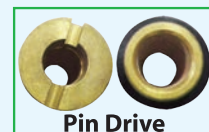
8HP (Pin Drive)

8HP 1976-84 Mariner

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



2011-083-08P



Pin Drive

Rubber Hub: PO6-RB P/N: 1798001

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	Spacer	Washer	Nut
	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.

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
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

Prop hardware for pressed in hub propeller.

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TANT	C pin(1 1/2")
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 TITAN 4 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	Spacer	Washer	Nut
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 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

Prop hardware for pressed in hub propeller.

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

* 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 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



Prop hardware for pressed in hub propeller.

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

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

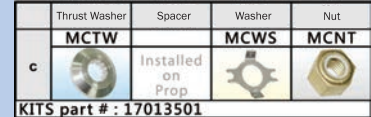
NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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.



KITS part #: 17013501

* 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
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 ~

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

HRTITAN4 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

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

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

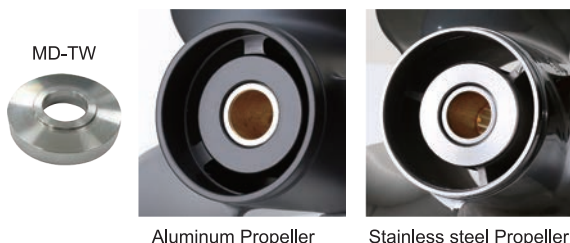
AMITA 3 Aluminum 3 blade Rubber Hub

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

Original SOLAS MD Propeller (Front view)



Aluminum Propeller

Stainless steel Propeller

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

* New SOLAS MD Propeller (Front view)



Aluminum Propeller

Stainless steel Propeller

* 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.

Thrust Washer	Spacer	Washer	Nut
MDTW	Installed on Prop.	MEWS	MDNT
KITS part #: 17014501			

Thrust Washer	Spacer	Washer	Nut
ME-TW 81013150	Installed on Prop.	MEWS	MDNT
KITS part #: 17014501A			

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 (Marathon)..... All Years
250 HP 94 ~
275 HP 90 ~ 94
300 HP 83, & 99 ~
3.4 Litre 84 ~ 86

MERCURISER 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
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 Stainless steel 3 blade
PROP 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 Stainless steel 3 blade
PROP 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 Stainless steel 4 blade
PROP 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
PROPELLER 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
PROPELLER Rubber Hub

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



Thrust Washer	Spacer	Washer	Nut
METW	MESP2	MEWS2	MDNT
KITS part # : 17015501A			

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 Stainless steel 3 blade
PROP 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 (Marathon)..... All Years
250 HP 94 ~
275 HP 90 ~ 94
300 HP 83, & 99 ~
3.4 Litre 84 ~ 86

MERCURUISER 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
MERCURUISER 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	Spacer	Washer	Nut
METW	MESP2	MEWS2	MDNT
			
KITS part #: 17015501A			

Prop hardware for pressed in hub propeller.

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



1513-140-21

F MERCURUISER (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

* Prop dated after
April 2022, use
HUB P/N: 17016801

Mercury Sport Jet Impellers

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

G **MERCURISER (BRAVO III)**

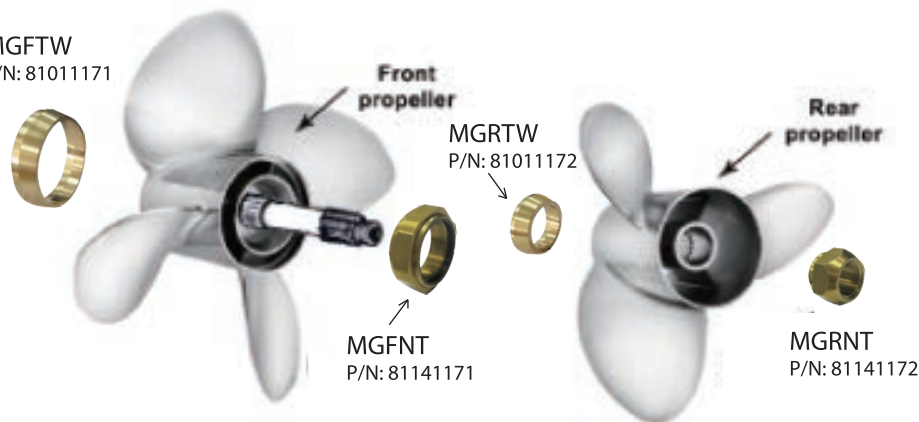
(19 Tooth Spline & Thru Hub Exhaust)

Fits all Bravo III Stern drives.

B3 **Stainless steel 4 & 3 blade Solid Hub**

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

MGFTW
P/N: 81011171



	Front 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
- * Great maneuverability and efficiency



B3 DUAL PROPS

**for MERCURY BRAVO III
YANMAR ZT350 ZT370**



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

● **Boat types**

Houseboat, Deckboat, Catamaran, Bass,
Inflatable - Rigid Hull (RIB), Inflatable - Soft Hull,
Inshore Fishing, Cruiser, Pontoon,
Offshore fishing, Runabout - open bow,
Sailboat, Sport Yacht, Runabout - cuddy



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	Spacer	Washer	Nut	Cotter Pin
OATW	OASP	N/A	OANT	C pin(1 1/2")
A				

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	Washer	Nut	Cotter Pin
SATW	SAWS	SANT	C pin(1 1/2")
A			

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	Spacer	Washer	Nut	Cotter Pin
OBTW	OBSP	N/A	OBNT	C pin(1 1/2")
B				

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-Stoke)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	Spacer	Washer	Nut	Cotter Pin
Original BRP Part	Original BRP Part	Original BRP Part	SBNT	C pin(1 1/2")
B				

* 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

Thrust Washer	Spacer	Washer	Nut	Cotter Pin
OATW	OA5P	N/A	OANT	C pin(1 1/2")
KITS part # : 17021501				

Prop hardware for pressed in hub propeller.

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

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

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

Thrust Washer	Washer	Nut	Cotter Pin
SATW	SAWS	SANT	C pin(1 1/2")
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 ~ 25 HP 2 Cyl 84 ~ 30 HP E-TEC 2009 ~
20 HP 2 Cyl 84 ~ 97 25 HP E-TEC 2009 ~ 35 HP 2 Cyl 79 ~ 83
25 HP (Commercial) 93 ~ 05 30 HP 2 Cyl 84 ~ 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

Prop hardware for pressed in hub propeller.

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

Thrust Washer	Spacer	Washer	Nut	Cotter Pin
OBTW	OB5P	N/A	OBN	C pin(1 1/2")
KITS part # : 17022501				

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	Spacer	Washer	Nut	Cotter Pin
C	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	Spacer	Washer	Nut	Cotter Pin
C	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	Spacer	Washer	Nut	Cotter Pin
D	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	Spacer	Washer	Nut	Cotter Pin
D	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

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	12.5	14	R	2311- 125- 14
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	Spacer	Washer	Nut	Cotter Pin
c	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	Spacer	Washer	Nut	Cotter Pin
c	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

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	Spacer	Washer	Nut	Cotter Pin
D	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
4	13.75	23	R	3413- 138- 23

Prop hardware for pressed in hub propeller.

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
D	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.

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 PROP Stainless steel 3 blade 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 PROP Stainless steel 3 blade 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 PROP Stainless steel 4 blade 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



NEW SATURN
2531-140-19



HR TITAN3
2551-148-20



HR TITAN4
2553-140-21

Prop hardware for pressed in hub propeller.

Thrust Washer	Spacer	Washer	Nut	Cotter Pin
OETW	OESP	N/A	OENT	Epin(2")
KITS part # : 17025501				

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

Check the RUBEX chart at Page R8
for more prop selections if needed
Check also Page R10 to purchase
corresponding RBX Hub kits

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

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



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

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



Prop hardware for pressed in hub propeller.

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

* 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 ~ 17

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	Spacer	Washer	Nut	Cotter Pin
A	YATW	N/A	YAWS	YANT	C pin(1 1/2")
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 ~

F20 (4 Stroke) 18 ~
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	Spacer	Washer	Nut	Cotter Pin
B	YBTW	YBSP	YBWS	YBNT	C pin(1 1/2")
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



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

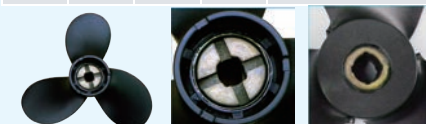
Excellent forward and reverse thrust.

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

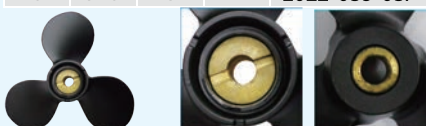


Rubber Hub: PY8-RB P/N: 179800

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

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 ~ 17

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

Thrust Washer	Spacer	Washer	Nut	Cotter Pin
YATW		YAWS	YANT	C pin(1 1/2")
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 ~

F20 (4 Stroke) 18 ~

F25 (4 Stroke) 98 ~ 06; 10 ~

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

Thrust Washer	Spacer	Washer	Nut	Cotter Pin
YBTW	YBSP	YBWS	YBNT	C pin(1 1/2")
B				
KITS part #: 17032501				

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 10~18
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
3	10 3/4	16	R	3321-108-16



3321-111-13

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
	YCTW	YCSP	YCWS	YCNT	Cpin(1 1/2")
c					
	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

HR TITAN4 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	Spacer	Washer	Nut	Cotter Pin
	YDTW	YDSP2	YDBS	YCNT	Cpin(1 1/2")
(50~100HP)					
	KITS part #: 17034501				
	YETW	YDSP	YDWS	YENT	Epin(2")
F75B, F90B (100~130HP)					
	KITS part #: 17035501				

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

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

T25 HP 10 ~ 18
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

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

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



3311-110-15



3311-116-13



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

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
	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

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

Prop hardware for pressed in hub propeller.

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

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

AMITA 3 Aluminum 3 blade Rubber Hub OEM Blade Style Semi cleaver blade design

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



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 Stainless steel 3 blade PROP 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

B	D	P	R	PART NO.
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 Stainless steel 3 blade PROP 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 Stainless steel 4 blade PROP 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

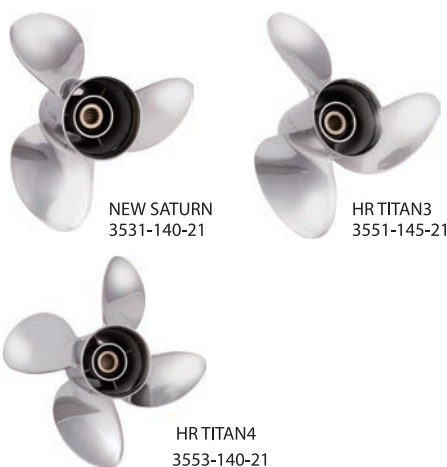
LEXOR Stainless steel 3 blade PROP Rubber Hub

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 PROP Rubber Hub

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



Thrust Washer	Spacer	Washer	Nut	Cotter Pin
YETW	YDSP	YDWS	YENT	Epin(2")

KITS part # : 17035501

Prop hardware for pressed in hub propeller.

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

F XTO Offshore (18 Tooth SPLINE & THRU HUB EXHAUST)

F425 V8 2018~
F450 V8 2022~

YF Stainless steel 3 blade PROP Rubber Hub

B	D	P	R	PART NO.
3	16 5/8	19	R	3641-166-19
3	16 5/8	19	L	3642-166-19
3	16 5/8	20	R	3641-166-20
3	16 5/8	20	L	3642-166-20
3	16 3/8	21	R	3641-164-21
3	16 3/8	21	L	3642-164-21
3	16 3/8	22	R	3641-164-22
3	16 3/8	22	L	3642-164-22
3	16 1/8	24	R	3641-161-24
3	16 1/8	24	L	3642-161-24



* 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	Spacer	Washer	Nut	Cotter Pin
YETW	YDSP	YDWS	YENT	Epin(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.

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



4121-093-11A

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

Thrust Washer	Washer	Nut	Cotter Pin
SATW	SAWS	SANT	C pin(1 1/2")
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
DT 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 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



4231-101-13



4253-100-11

Thrust Washer	Spacer	Washer	Nut	Cotter Pin
SBTW	SBSP	YBWS	SBNT	C pin(1 1/2")
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 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

NEW SATURN Stainless steel 3 blade
PROP 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



NEW SATURN
4331-111-13

Thrust Washer	Spacer	Washer	Nut	Cotter Pin
SCTW	SCSP	YDWS	YENT	E pin(2")
KITS part # : 17043501				

Prop hardware for pressed in hub propeller.

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

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

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

Thrust Washer	Washer	Nut	Cotter Pin
SATW	SAWS	SANT	C pin(1 1/2")
KITS part # : 17041501A			

Prop hardware for pressed in hub propeller.

* SOLAS aftermarket hardware to install prop on engines.

4113-100-07A



High Thrust Propeller

Excellent forward and reverse thrust.

Ideal for kicker/auxiliary engines with heavy loads

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	Spacer	Washer	Nut	Cotter Pin
SBTW	SBSP	YBWS	SBNT	C pin(1 1/2")
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 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-C Aluminum 3 blade
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



Thrust Washer	Spacer	Washer	Nut	Cotter Pin
SCTW	SCSP	YDWS	YENT	E pin(2")
KITS part # : 17043501				

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)

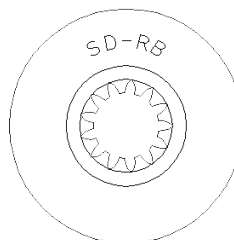
DF 60 (4-Stroke).....98 ~ 09	DT 85 79 ~ 00	DT 115 81 ~ 01
DF 70 (4 Stroke).....98 ~ 08	DT 90 89 ~ 97	DT 140 81 ~ 01
DT 7583 ~ 97	DT 100 89 ~ 00	

NEW SATURN Stainless steel 3 blade
PROP 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



NEW SATURN
4431-133-17



Prop hardware for pressed in hub propeller.

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
D	Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part

Warning:

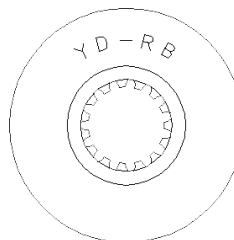
For DF70/DF100 produced between 2008~2009 and after 2009 might be with different fitting, consulting with your nearest dealer for more information.

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

DF 70A 09 ~	DF 90A 09 ~	DF100C 2024 ~	DF 140 02 ~ 12
DF 75A 2023 ~	DF100 09 ~ 12	DF 115 01 ~ 12	DF 140A 2013 ~
DF 80A 09 ~	DF100A 2013 ~ 21	DF 115A 2013 ~	DF 140B 2024 ~
DF 90 01 ~ 08	DF100B 2021 ~	DF 115B 2024 ~	

HR TITAN 3 Stainless steel 3 blade
PROP 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 DF 90/100/115

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
D ⁺	SDTW1	SDSP	YDWS	YENT	Epini(2")

KITS part #: 17044501

**Kits for DF 100A/115A/140/140A
115B/and counter rotation Model Z**

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
D ⁺	SDTW2	SDSP	YDWS	YENT	Epini(2")

KITS part #: 17044502

Kits for DF 70A/80A/90A/100B

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
D ⁺	SDTW3	SDSP	YDWS	YENT	Epini(2")

KITS part #: 17044503

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

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 7583 ~ 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

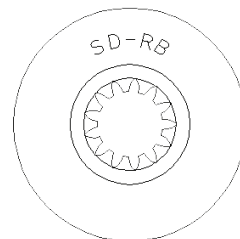
B	D	P	R	PART NO.
3	14	9	R	4411- 140- 09
3	14	11	R	4411- 140- 11
3	13.75	13	R	4411- 138- 13
3	13.5	14	R	4411- 135- 14
3	13.5	15	R	4411- 135- 15
3	13.5	16	R	4411- 135- 16
3	13.25	17	R	4411- 133- 17
3	13.25	18	R	4411- 133- 18
3	13	19	R	4411- 130- 19
3	13	21	R	4411- 130- 21

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

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



Warning:

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



4411-133-17

4413-128-17

Prop hardware for pressed in hub propeller.

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
D	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 09 ~
DF 75A 2023 ~
DF 80A 09 ~
DF 90 01 ~ 08

DF 90A 09 ~
DF 100 09 ~ 12
DF 100A 2013 ~ 21
DF 100B 2021 ~

DF 100C 2024 ~
DF 115 01 ~ 12
DF 115A 2013 ~
DF 115B 2024 ~

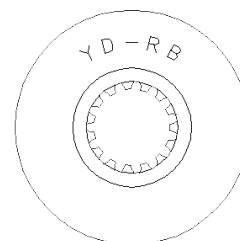
DF 140 02 ~ 12
DF 140A 2013 ~
DF 140B 2024 ~

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
4	13.75	23	R	3413- 138- 23



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

Kits for DF 50AV/60AV/90/100/115

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
D+	SDTW1	SDSP	YDWS	YENT	Epini(2")

KITS part #: 17044501

Kits for DF 100A/115A/140/140A 115B/and counter rotation Model Z

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
D+	SDTW2	SDSP	YDWS	YENT	Epini(2")

KITS part #: 17044502

Kits for DF 70A/80A/90A/100B

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
D+	SDTW3	SDSP	YDWS	YENT	Epini(2")

KITS part #: 17044503

* 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-stroke) / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DF 150, 175, 200, 225, 250, 300 (All Year)

LEXOR 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

LEXOR PLUS 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 PLUS
4571-158-21

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



LEXOR 4
4573-153-22



LEXOR
4571-148-23

Thrust Washer	Spacer	Washer	Nut	Cotter Pin
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.

E 150~225 Horsepower(2-stroke) / 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 Stainless steel 3 blade
PROP 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
4531-140-19

Check the RUBEX chart at Page R8 for more prop selections if needed. Purchase also RBX hub kit RBX-104 or RBX-104B for RUBEX Props

E 150~225 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DT 150 86 ~ 03
DT 175 86 ~ 92

DT 200 86 ~ 00
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
Plus 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	Spacer	Washer	Nut	Cotter Pin
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.



Dual Prop System

(Front 25 Tooth Spline / Rear 15 Tooth Spline & THRU HUB EXHAUST)

SG

Stainless steel 3&4 blade
Rubber Hub

B	D	P	R	PART NO.
3	15 1/2	18.0	Front	4652-155-180
3	15 1/2	19.5	Front	4652-155-195
3	15 1/2	21.0	Front	4652-155-210
3	15 1/2	22.5	Front	4652-155-225
3	15 1/2	24.0	Front	4652-155-240
3	15 1/2	25.5	Front	4652-155-255
4	14 1/8	18.0	Rear	4653-141-180
4	14 1/8	19.5	Rear	4653-141-195
4	14 1/8	21.0	Rear	4653-141-210
4	14 1/8	22.5	Rear	4653-141-225
4	14 1/8	24.0	Rear	4653-141-240
4	14 1/8	25.5	Rear	4653-141-255

※ Strongly recommend to pair Front and Rear
SG propellers with the same pitch.

SG Rubber Hub

PART NO.	DESCRIPTION	
17047301	SG-Front Hub	
17047302	SG-Rear Hub	

SG Hardware

PART NO.	DESCRIPTION	SGFTW	SGFSP	SGFWS	SGFNT
17047501	SGF PKT				

PART NO.	DESCRIPTION	SGRTW	SGRSP	YDWS	YENT	EPIN
17047502	SGR PKT					

SOLAS

Dual Props



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

DUAL PROPS

 **SUZUKI**

DF300B DF325A DF350A



***Stainless Steel
3 Blade Front & 4 Blade Rear
Rubber Hub Propeller***

- Maximize the efficiency of the engine by turning the horsepower into propulsion under water more efficiently
- Great maneuverability
- Excellent grip and acceleration
- Outstanding stability by each prop rotating in a different direction



Suzuki is a registered trademark of the Suzuki Marine

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 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

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
A	TATW	N/A	TAWS	TANT	C pin(1 1/2")
	KITS part #: 17051501				

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 HP86 ~ 01	30 HP85 ~ 01	30 HP TLDI.....2016~ Newer
NSF 25,30(4-Stroke)	25 HP (4-Stroke) 02 ~	30 HP (4-Stroke) 02 ~	

SATURN Stainless steel 3 blade
PROP 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 Stainless steel 4 blade
PROP 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 Stainless steel 4 blade
PROP 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	Spacer	Washer	Nut	Cotter Pin
B	TBTW	N/A	TAWS	TANT	C pin(1 1/2")
	KITS part #: 17052501				

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) MSB(2-Stroke) MFS 6C/D

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



Thrust Washer	Spacer	Washer	Nut	Cotter Pin
TATW	N/A	TAWS	TANT	C pin(1 1/2")
KITS part #: 17051501				

Prop hardware for pressed in hub propeller.

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

High Thrust Propeller

Excellent forward and reverse thrust.

Ideal for kicker/auxiliary engines with heavy loads

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

Thrust Washer	Spacer	Washer	Nut	Cotter Pin
TBTW	N/A	TAWS	TANT	C pin(1 1/2")
KITS part #: 17052501				

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

35 HP (35B only) Thru 1984
BFT60 / BFT60A 2014 & Newer

40 HP 1984 & Newer
★M35C/40C and NS35C/40C Not Applicable

MFS 40HP 2015~Newer

50 HP (All except 50C) 1992 & Newer

MFS60A 2019 & 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 ~ 19

90 HP 87 ~ 01
90 HP TLDI 01 ~ 19
115 HP92 ~ 01
115 HP TLDI04 ~ 19

120 HP 88 ~ 03
140 HP 88 ~ 03

* Tohatsu propeller part numbers starting with 35S94~ and 9999RUBA~ correspond to the Rubex D series.

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

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 1/4	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.

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

35 HP (35B only) Thru 1984
BFT60 / BFT60A 2014 & Newer

40 HP 1984 & Newer

MFS 40HP 2015~Newer

50 HP (All except 50C) 1992 & Newer

MFS60A 2019 & Newer

★M35C/40C and NS35C/40C Not Applicable

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 ~ 19

140 HP 88 ~ 03

70 HP TLDI02 ~ 09

115 HP92 ~ 01

75 HP TLDI10 ~ 19

115 HP TLDI04 ~ 19

* Tohatsu propeller part numbers starting with 3SS94~ and 9999RUBA~ correspond to the Rubex D series.

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.

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 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 Stainless steel 3 blade Rubber Hub

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



	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
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 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	Spacer	Washer	Nut	Cotter Pin
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	Spacer	Washer	Nut	Cotter Pin
	HATW	N/A	YAWS	YANT	C pin(1 1/2")
A					
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 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	Spacer	Washer	Nut	Cotter Pin
	H8TW	N/A	YBWS	YBNT	C pin(1 1/2")
B					
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

3113-100-07



3111-093-10



3113-093-10



High Thrust Propeller

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

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
A	HATW	N/A	YAWS	YANT	C pin(1 1/2")

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	Spacer	Washer	Nut	Cotter Pin
B	HBTW	N/A	YBWS	YBNT	C pin(1 1/2")

KITS part # : 17062501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C 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 60/60A HP 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
3	10 3/4	16	R	3321-108-16



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

HR TITAN 4 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	Spacer	Washer	Nut	Cotter Pin
D	HDTW	Installed on Prop	YDWS	YENT	EPIN

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 60/60A HP 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	Spacer	Washer	Nut	Cotter Pin
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	Spacer	Washer	Nut	Cotter Pin
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 D series propeller.

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 ~

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

B	D	P	R	PART NO.
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.solas.com



Thrust Washer	Spacer	Washer	Nut	Cotter Pin
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 ~ 150 HP 04 ~ 225 HP 02 ~
 BF 135 HP04 ~ 200 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	Spacer	Washer	Nut	Cotter Pin
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

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

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



8831-150-19



8841-156-21

OMC, Volvo Penta SX Drive

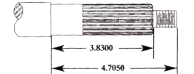
E SX Drive (19 Tooth Spline)

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

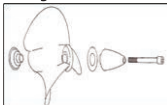
Standard Hub Installation



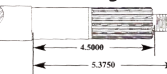
VOLVO Standard Shaft



Long Hub Installation



VOLVO Long Shaft



	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
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

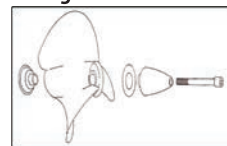
* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

Volvo Penta Aquamatic SP Stern Drive

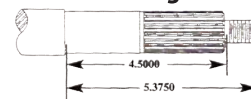
E Aquamatic (Long Hub) 17 Tooth Spline

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

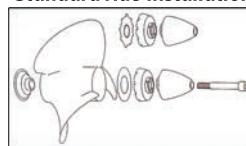
AMITA 3-E Plus Rubber Hub

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

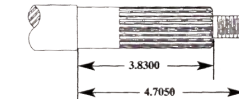
8811-153-19



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 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

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 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

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
E	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part

Prop hardware for pressed in hub propeller.



8611-143-21



8611-153-19



8613-140-21

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
4	13.75	23	Rear	8513-138-23



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



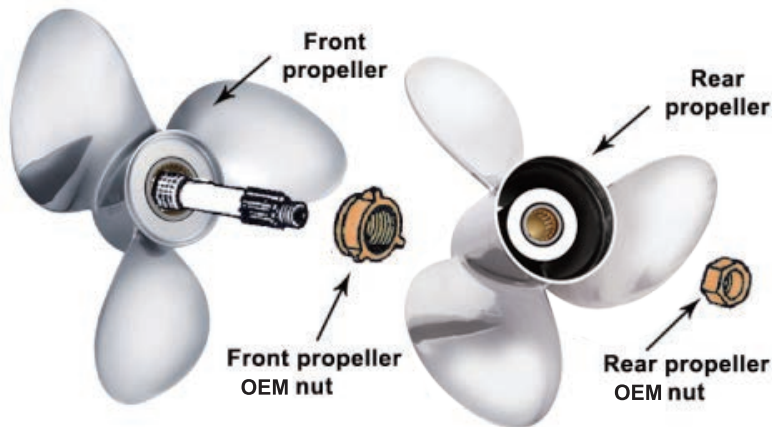
Rear propeller

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin
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
A8	8512-153-21	8513-138-23
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
B7	8512-153-21	8513-138-23
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

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

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



3231-101-13



3221-100-10

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
3	10 3/4	16	R	3321-108-16



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

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

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



3311-110-15



3311-116-13



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 ~ 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

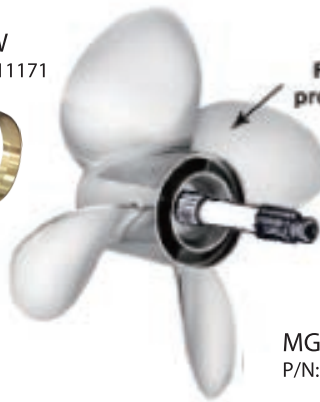
G **YANMAR ZT350 and ZT370 Stern Drive**

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

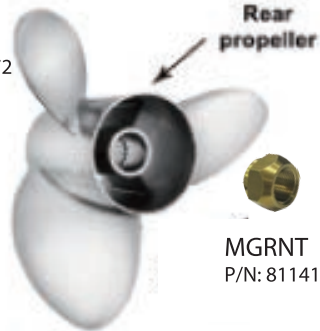
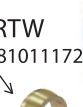
MGFTW
P/N: 81011171



MGFTW
P/N: 81141172



MGRTW
P/N: 81011172



MGRNT
P/N: 81141172



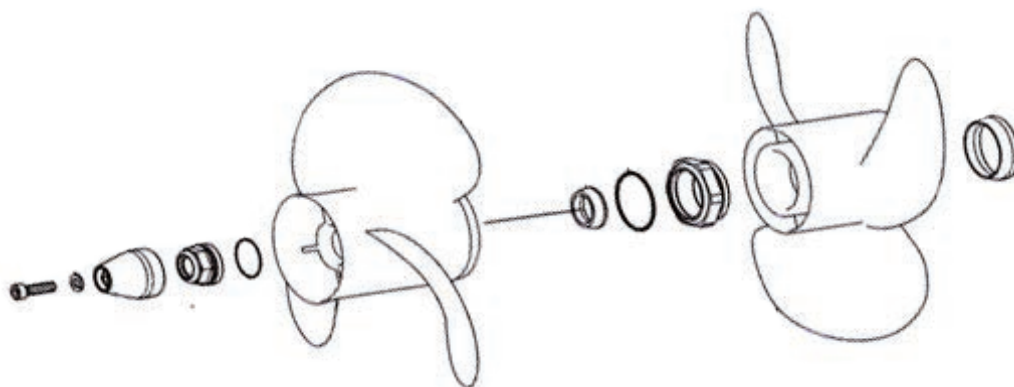
	Front Thrust Washer	Rear Thrust Washer	Front Nut	Rear Nut	
B3 BRAVO III					17017501
	MGFTW	MGRTW	MGFTW	MGRNT	

SOLAS B3 **Dual Props**



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

G YANMAR ZT350 and ZT370 Stern Drive

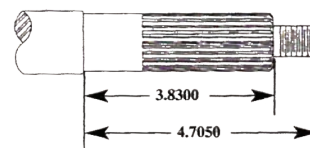
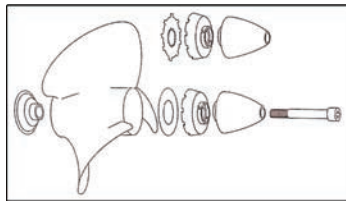


Props may require special tools to install. Please consult OEM manual for proper installation and for torque specs. Use Yanmar Propeller hardware only.

● 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



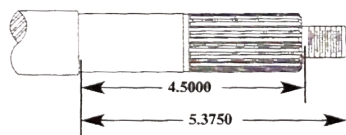
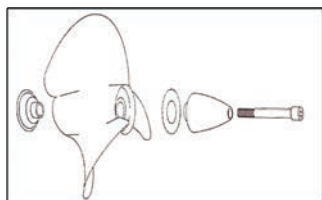
8812-153-19

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	Spacer	Washer	Nut	Cotter Pin
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.



SOLAS SCIENCE & ENGINEERING CO.,LTD.

37, 35th Road, Taichung Industrial Park, 40768 Taichung, Taiwan

Tel : +886-4-2359-7455 | Fax : +886-4-2359-7535 | E-mail : market@solas.com.tw



rubexprops.com



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