2018 PROPELLER CATALOG

SOLAS®

Where Speed Begins



HYDRO

RUBEX™

www.rubexprops.com

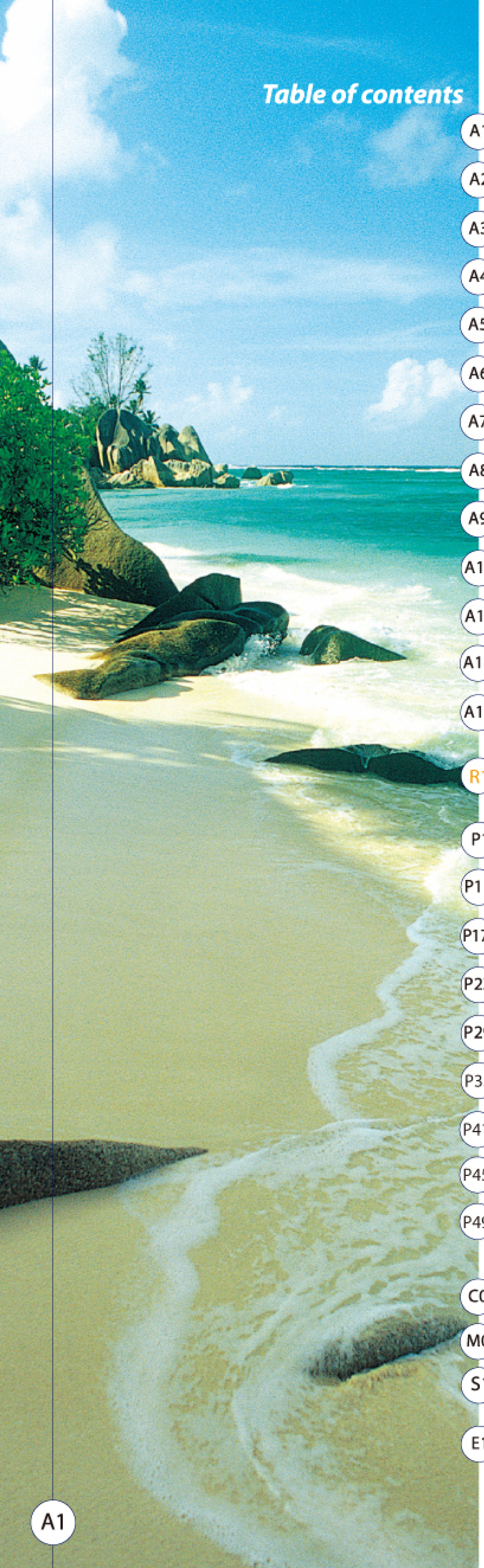


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Product names may belong to Original Equipment Manufacturers. All references to Original Equipment Manufacturers, their trade names or their part numbers, are for replacement part identification only.

SOLAS

www.solas.com

About SOLAS

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.

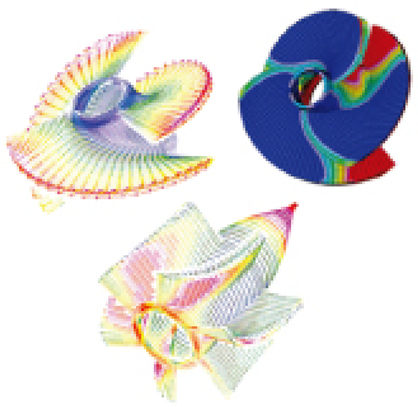




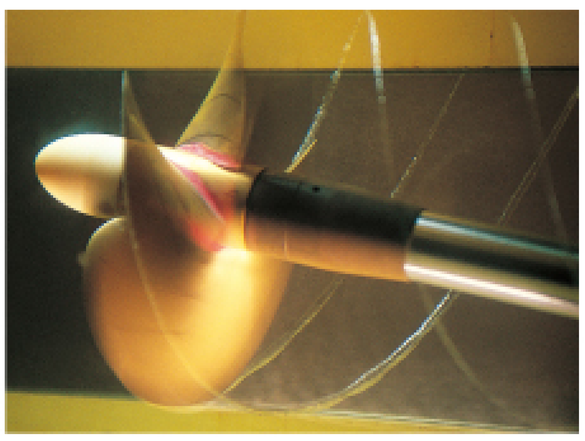
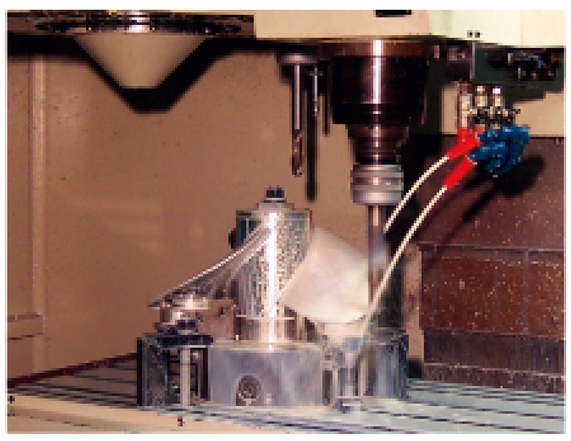


Research and Development

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.



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Quality Assurance

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 CERTIFIED

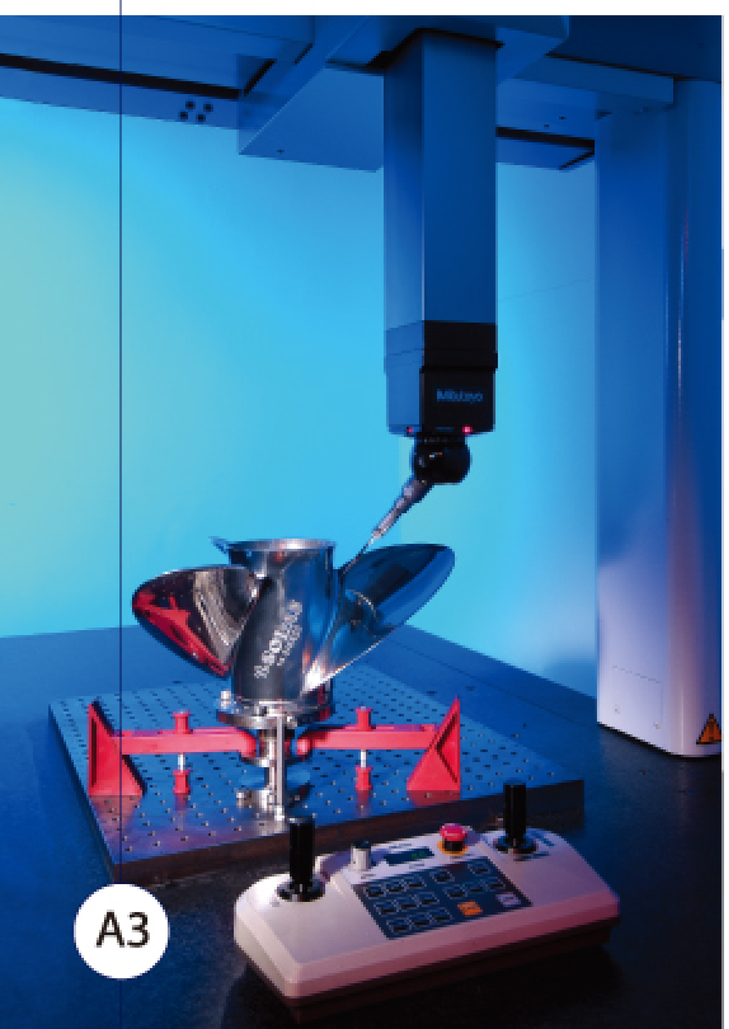
We are honored to have BSI (British Standards Institution) ISO 9001 certificate and the Symbol of Excellent Products from Taiwan Government. Total satisfaction of our customers is always our first priority.

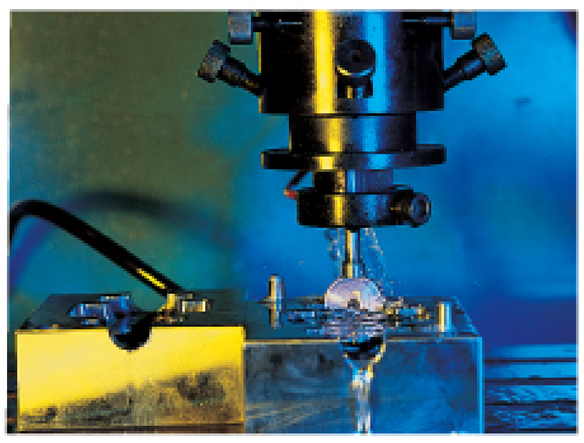

CERTIFICATE OF REGISTRATION

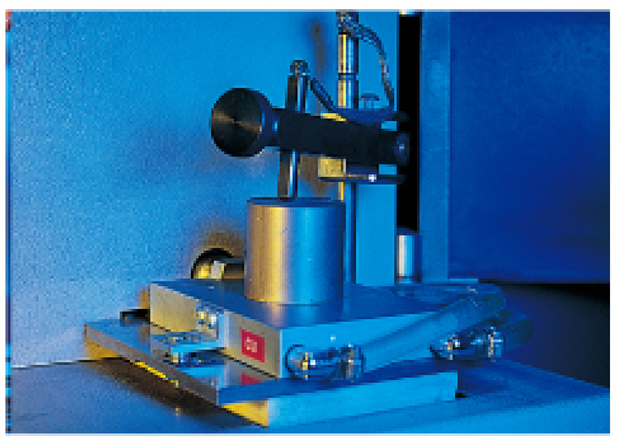
Quality Management System

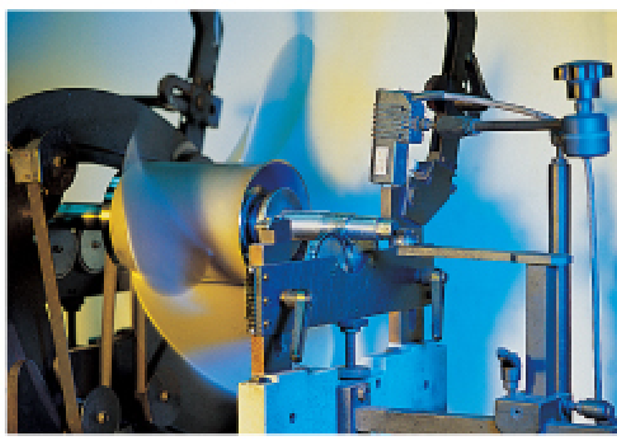
We have always been instilling a high level of quality consciousness in all of our employees, and each employee helps ensure the quality of our products. This not only helps reduce personnel costs, but more directly improves progress and reduces inventory space through on-site raw material inspection. Inspections are carried out in the most meticulous manner, from material receiving through processing to finished product shipment. SOLAS has also installed analysis equipment to assist the inspection and testing process, including composition tester, hardness tester, CMM systems, salt spray testing machine, rubber torque tester, and dynamic balance machine. We combine these standard quality inspection procedures with data analysis to improve product design and production processes, therefore increasing customer satisfaction.

In 1994, SOLAS was granted ISO-9002 certification from BSI, the UK certification authority. In May of 2003, SOLAS was awarded ISO-9001 certification (2000AD version). These quality certifications serve as further evidence of our commitment to continuous quality improvements and service.









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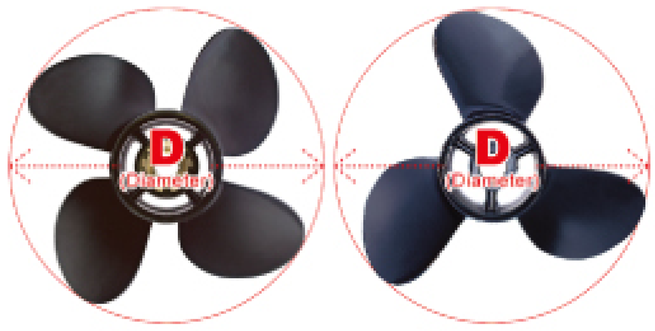
Basic Propeller Information

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.

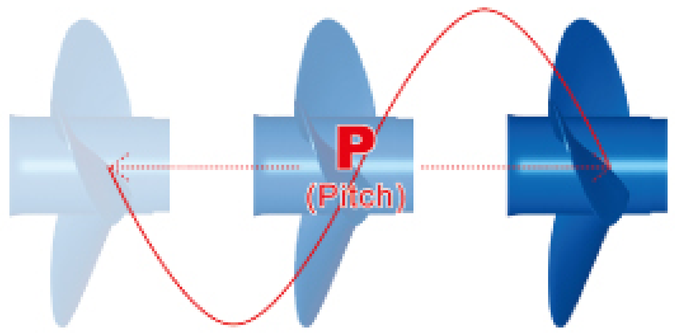


2. Diameter :

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

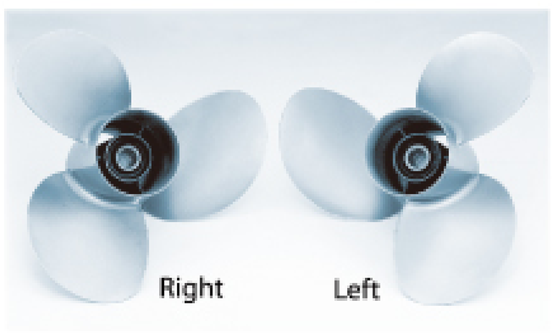
3. Pitch :

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).



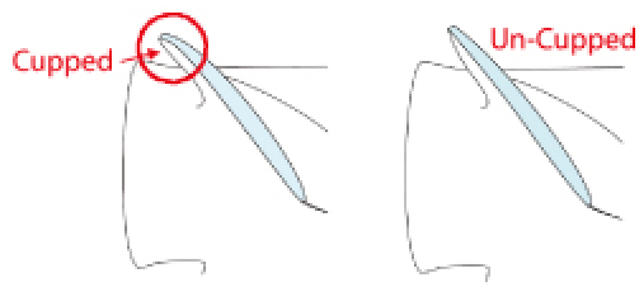
4. Right hand or Left hand Rotation?

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.



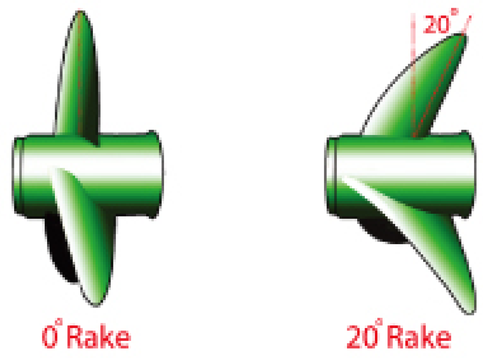
5. Cupped Blades:

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.)?

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SOLAS Propeller Applications ; SOLAS Part No. Coding System

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.

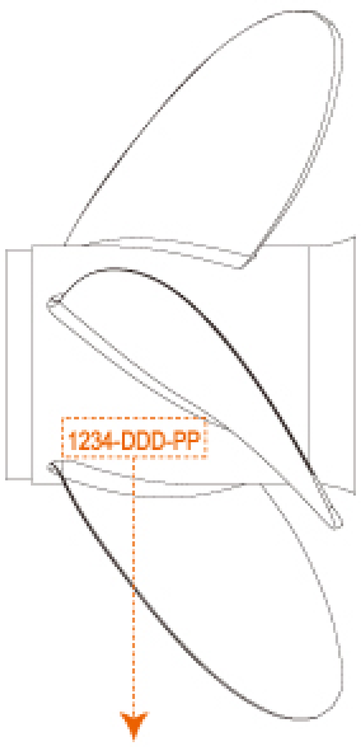
SOLAS PROPELLER	PROPELLER APPLICATION																									FEATURES			
	OUTBOARD																STERNDRIVE												
	Inflatable	Aluminum	Ski Boat	Bass Boat	Flats Boat	Bay Boat	Walleye Boat	Offshore Single	Offshore Dual	Sport Boat Single	Sport Boat Dual	Heavy Work Boat	Commercial	Sail Drive	Pleasure Runabaout	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 - Hub Type: R = Rubber; N/A = Not Applicable

Note - Rotation Available : R = Right-hand Rotation ; L = Left-hand Rotation

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 Propeller Part No. on propeller.

SOLAS Part No. Coding System

D (Diameter) — **P** (Pitch) — **M**

❶ ❷ ❸ ❹ —

❶	❷	❸	❹
For exact part number, please check Catalog.	0. 5,6,8 and 9.8 HP Group 1. A Group 2. B Group 3. C Group 4. D Group 5. E Group 6. F Group, VP(SX) 7. VP(Standard Hub) 8. VP (Long Hub)	1. Aluminum 2. S/S Saturn 3. S/S New Saturn 4. S/S Titan 5. S/S HR Titan 6. S/S Scorpion 7. S/S Lexor	1. 3R Rubber Hub 2. 3L Rubber Hub 3. 4R Rubber Hub 4. 4L Rubber Hub

D (Diameter)

i.e. 13 1/4 → 133, 13.75 →138

P (Pitch)

i.e. 17" → 17, 13" → 13

M : P .....Pin Drive Propeller ; S ..... Spline Drive Propeller

: 1,2,5 .....Different Propeller Hub Fitting Spec.

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Stainless Steel Propeller Manufacturing Process

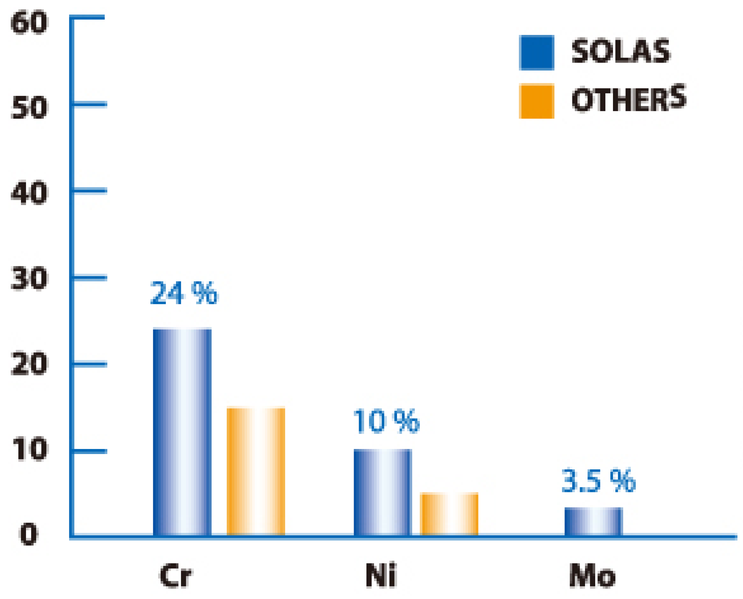
Smooth, Durable, High Precision ➡ Overall Performance

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

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



Unparalleled Durability



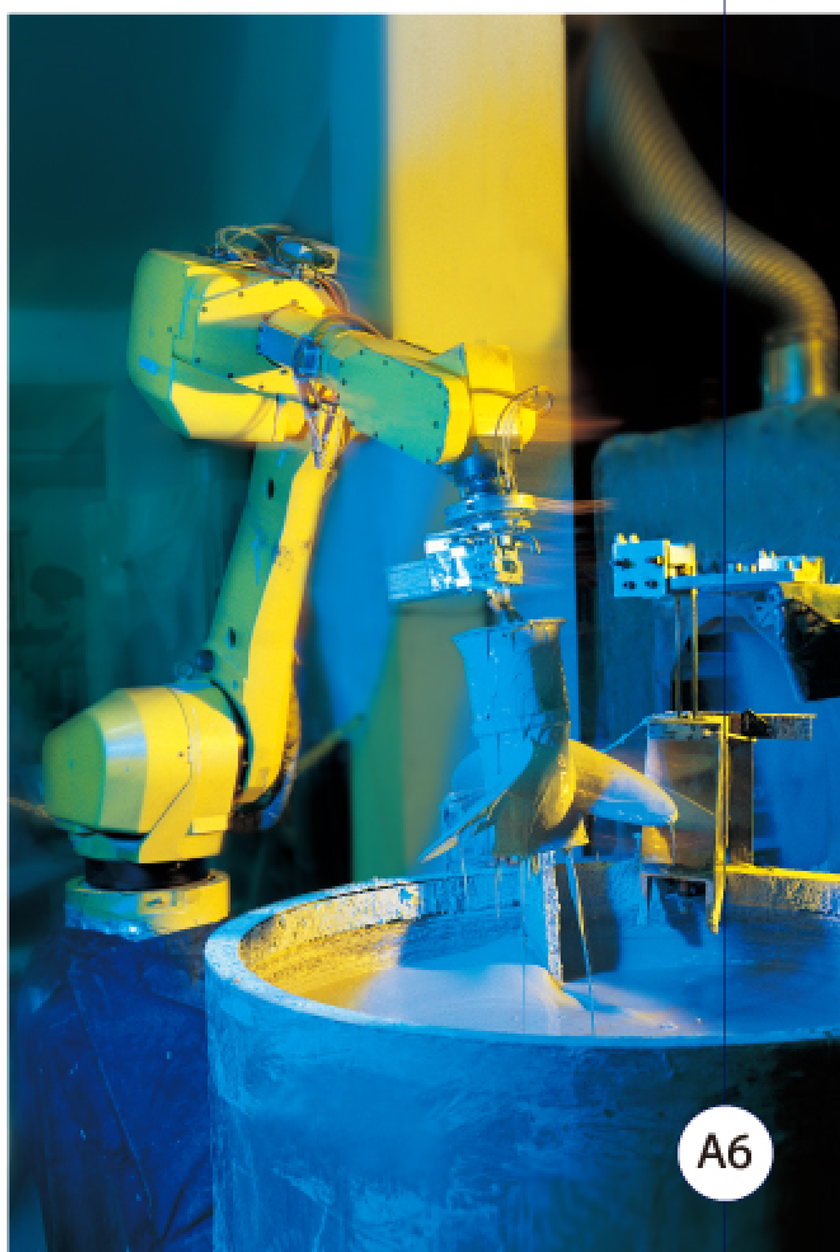
SOLAS Stainless Steel Propellers - Feature the industry's highest percentage of chromium, nickel, and molybdenum. Our material resists rust from salt water and increases the stability of the propeller blades.

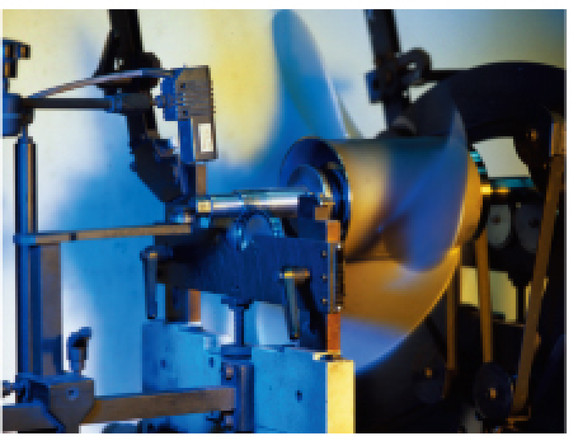
SOLAS Stainless Steel propellers are made by investment casting process.

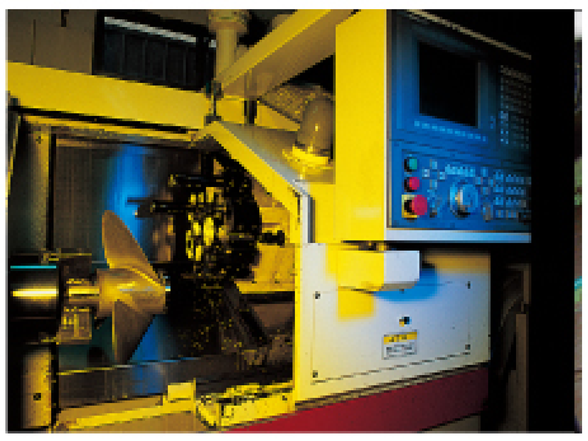
SOLAS focuses its production improvement efforts on efficient use of space, increased yield, first in first out processes and automated equipment (such as robotic dipping arms). We are constantly improving processes and striving even higher.

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











Stainless Steel High Performance Propellers



LEXOR PROPELLER Stainless steel 3 blade
Rubber Hub

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



LEXOR PROPELLER 4 Stainless steel 4 blade
Rubber Hub

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



PLUS
LEXOR PROPELLER Stainless steel 3 blade
Rubber Hub

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



B3 for
MERCURY BRAVO 3

Stainless steel
4 blade front & 3 blade rear
Solid hub

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



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

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

SOLAS

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Stainless Steel Propellers

Stainless Steel High Performance Propellers



HR TITAN PROP 3 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 PROP 4 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 PROP 4 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

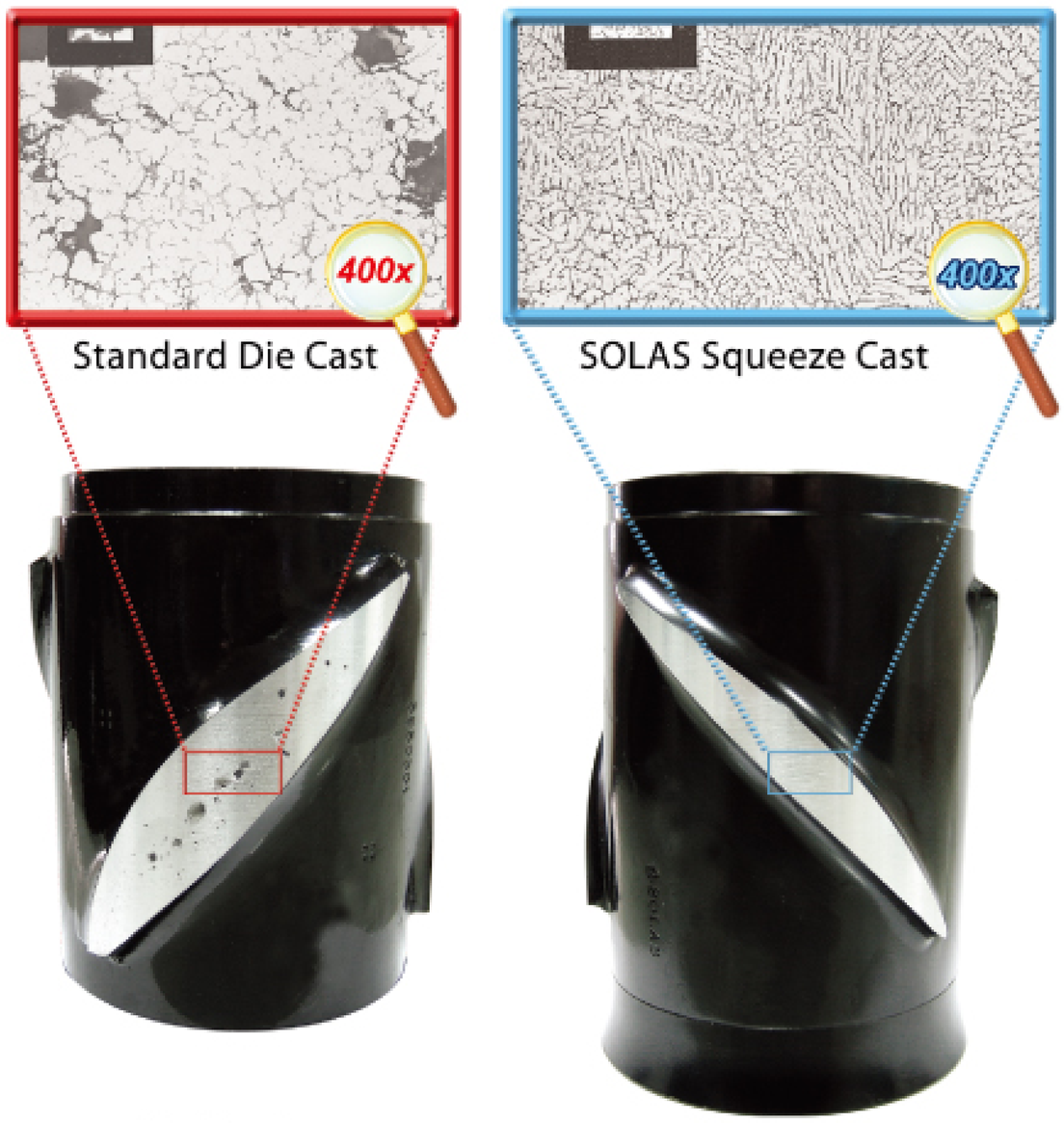
Aluminum Propeller Manufacturing Process

Reliability and Precision

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

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

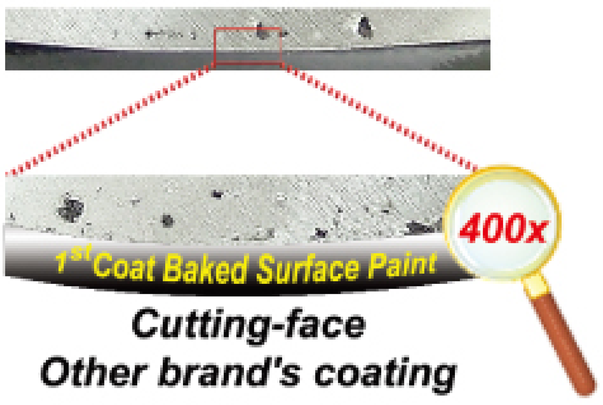




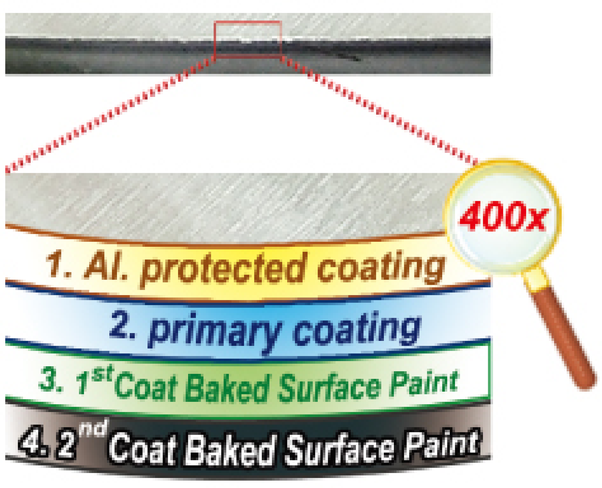
Cutting-face
Other brand's prop

Cutting-face
SOLAS Prop

About SOLAS Coating



Cutting-face
Other brand's coating



Cutting-face
SOLAS Prop



Salt Water Spray Testing

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

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

Aluminum High Performance Propellers



AMITA 3 **Aluminum 3 blade Rubber Hub**

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



AMITA 4 **Aluminum 4 blade Rubber Hub**

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



AMITA 3 **Aluminum 3 blade -C *Plus* Rubber Hub**

AMITA 3 **Aluminum 3 blade -E *Plus* 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



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

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



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 Number	Fit O/E Propeller
2.5HP	Suzuki	S2.5-RB	NO
5~9.8HP	Yamaha	Y5-RB	NO
	Tohatsu	T5-RB	YES
	Honda	H5-RB	NO
	Yamaha	Y8-RB	NO
	Tohatsu	T8-RB	YES
A	Mercury/Mariner(~95)25mm	MA-RB	YES
	Yamaha/Honda	YA-RB	YES
	BRP/OMC/Evinrude/Johnson	OA-RB	YES
	Suzuki	SA-RB+	YES
	Tohatsu/Nissan	TA-RB	YES
B	Mercury/Mariner	MB-RB	YES
	Yamaha	YB-RB	YES
	BRP/OMC/Evinrude/Johnson	OB-RB	YES
	Suzuki	SB-RB	YES
	Tohatsu/Nissan/Honda(S/S Prop)	TB-RB-1	YES
	Tohatsu/Nissan/Honda(Amita)	TB-RB-2	NO
C	Mercury/Mariner	MC-RB	YES
	Yamaha/Honda	YC-RB	YES
	BRP/OMC/Evinrude/Johnson	OC-RB	YES
	Suzuki	YC-RB	YES
	Yamaha/Honda/Tohatsu/Nissan	YC-RB	YES

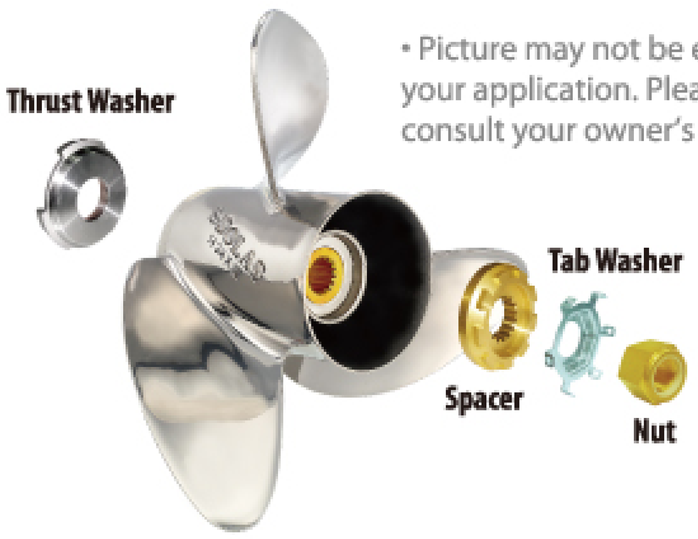
SA-RB+ : with spacer built on it

Group	Engine Brand	Part Number	Fit O/E Propeller
D	Mercury/Mariner/Honda	MD-RB	YES
	Yamaha	YD-RB	YES
	BRP/OMC/Evinrude/Johnson	OD-RB	YES
	Suzuki	SD-RB	YES
	Tohatsu/Nissan	YD-RB	YES
	Force(~94)	YD-RB	YES
E	Mercury/Mariner/Honda(Amita)	ME-RB-2	YES
	Mercury/Mariner/Honda(S/S)	ME-RB-2	YES
	Yamaha(Amita)	YE-RB-2	YES
	Yamaha(S/S)	YE-RB-2	YES
	BRP/OMC/Evinrude/Johnson(Amita)	OE-RB-2	NO
	BRP/OMC/Evinrude/Johnson(S/S)	OE-RB-1	YES
	Suzuki(Amita)	SE-RB-2	YES
	Suzuki(S/S)	SE-RB-2	YES
F	Mercury Bravo Two	MF-RB	YES
Volvo Penta	Aquamatic SP(Long Hub)	VA-RB	NO
	SX Drive(Amita)	VE-RB-2	NO
	SX Drive(S/S)	VE-RB-1	YES
	Front Dual PROPS(S/S)	VD-RB-1	NO
	Rear Dual PROPS(S/S)	VD-RB-2	NO
	Front Dual PROPS(Aluminum)	VD-RB-4	NO
	Rear Dual PROPS(Aluminum)	VD-RB-2	NO

SOLAS

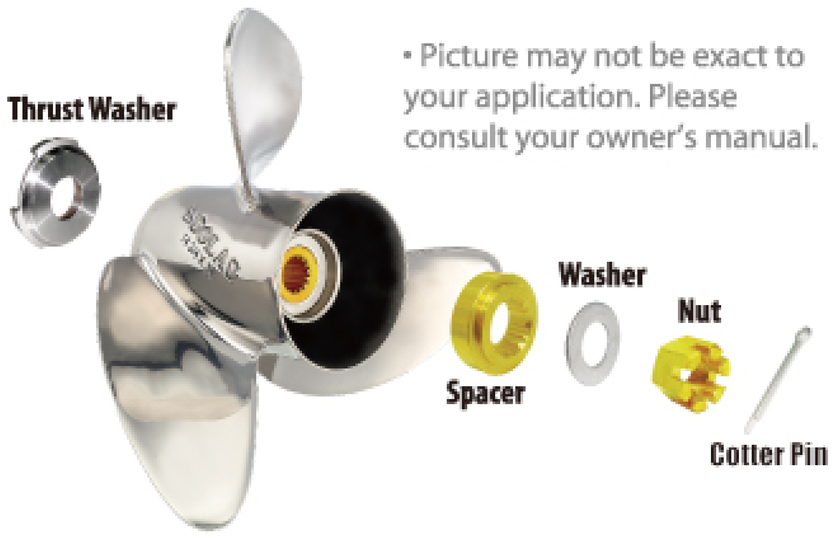
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SOLAS Fixed Pressed in Prop Hardware Kits



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

● **MERCURY Installation :**



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

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

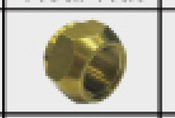
Brand	Series	Thrust Washer		Spacer		Washer SST		Nut		Cotter Pin	
		Parts	Part#	Parts	Part#	Parts	Part#	Parts	Part#	Parts	Part#
MERCURY	A	MATW	8101111	MASP	8105111			MANT	8114111		
	B	MBTW	8101112			MBWS	8108112	MBNT	8114112		
	C	MCTW	8101113			MCWS	8108113	MCNT	8114113		
	D	MDTW	8101114			MEWS	8108114	MDNT	8114114		
	D-1	METW	81013150			MEWS	8108114	MDNT	8114114		
	E	METW	81013150	MESP	81051150	MEWS	8108114	MDNT	8114114		
BRAVO III	G	MGFTW	81011171					MGFNT	81141171		
		MGRTW	81011172					MGRNT	81141172		
BRP JOHNSON ENVINRUDE	A	OATW	8101121	OASP	8105121			OANT	8114121	APIN	85100000
	B	OBTW	8101122	OBSP	8105122			OBNT	8114122	APIN	85100000
	C	OCTW	8101123	OCSP	8105123			OCNT	8114123	EPIN	85100003
	D	ODTW	8101124	OCSP	8105123			OCNT	8114123	EPIN	85100003
	E	OETW	8101125	OESP	8105125			OENT	8114125	EPIN	85100003
YAMAHA	A	YATW	8101131			YAWS	8113211	YANT	8114131	APIN	85100000
	B	YBTW	8101132	YBSP	8105132	YBWS	8104132	YBNT	8114132	APIN	85100000
	C	YCTW	8101133	YCSP	8105133	YCWS	8104133	YCNT	8114133	CPIN	85100001
	D-1	YDTW	8101134	YDSP2	81051341	YDBS	81041341	YCNT	8114133	CPIN	85100001
	D-2	YETW	8101135	YDSP	8105134	YDWS	81061140	YENT	8114135	EPIN	85100003
	E	YETW	8101135	YDSP	8105134	YDWS	81061140	YENT	8114135	EPIN	85100003
SUZUKI	A	SATW	8101141	SASP	8105141	SAWS	8104141	SANT	8114141	APIN	85100000
	B	SBTW	8101142	SBSP	8105142	YBWS	8104132	SBNT	8114142	APIN	85100000
	C	SCTW	8101143	SCSP	8105143	YDWS	81061140	YENT	8114135	EPIN	85100003
	D-1	SDTW-1	81011440	SDSP	8105144	YDWS	81061140	YENT	8114135	EPIN	85100003
	D-2	SDTW-2	81011441	SDSP	8105144	YDWS	81061140	YENT	8114135	EPIN	85100003
	E	SETW	8101145	SESP	8105145	YDWS	81061140	YENT	8114135	EPIN	85100003
TOHATSU	A	TATW	8101151			TAWS	8104151	TANT	8114151	APIN	85100000
	B	TBTW	8101152			TAWS	8104151	TANT	8114151	APIN	85100000
	C	TCTW	8101153	TCSP	8105153	YDWS	81061140	TCNT	8114153	CPIN	85100001
	D	TDTW	8101154	YDSP	8105134	YDWS	81061140	TCNT	8114153	CPIN	85100001
HONDA	A	HATW	8101161			YAWS	8113211	YANT	8114131	APIN	85100000
	B	HBTW	8101162			YBWS	8104132	YBNT	8114132	APIN	85100000
	C	HCTW	8101163	YCSP	8105133	YDWS	81061140	YCNT	8114133	CPIN	85100001
	D	HDTW	8101164			YDWS	81061140	YENT	8114135	EPIN	85100003
	E	HETW	8101165	HESP	8105165			YENT	8114135	EPIN	85100003

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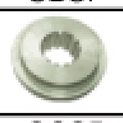
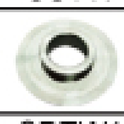
SOLAS Fixed Pressed in Prop Hardware Kits

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	 81013150	Installed on Prop			Refer to Page P6	17014501A
	METW		MEWS	MDNT		
E 90~ HP	 81013150					17015501
	METW	MESP	MEWS	MDNT		
B3 BRAVO III	Front Thrust Washer	Rear Thrust Washer	Front Nut	Rear Nut		17017501
						
	MGFTW	MGRTW	MGFNT	MGRNT		

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

SUZUKI

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 8~20 HP		Installed on Prop				17041501A
	SATW		SAWS	SANT	APIN	
B 20~30 HP						17042501
	SBTW	SBSP	SAWS	SBNT	APIN	
C 35~65 HP						17043501
	SCTW	SCSP	YDWS	YENT	EPIN	
D DF90, 115 HP						17044501
	SDTW1	SDSP	YDWS	YENT	EPIN	
D DF140 HP						17044502
	SDTW2	SDSP	YDWS	YENT	EPIN	
E 150~300 HP						17045501
	SETW	SESP	YDWS	YENT	EPIN	

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

BRP/ JOHNSON/EVINRUDE

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

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

TOHATSU/ NISSAN

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

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

YAMAHA

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

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

HONDA

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

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

RUBEX™ ALUMINUM

Interchangeable Hub Propellers



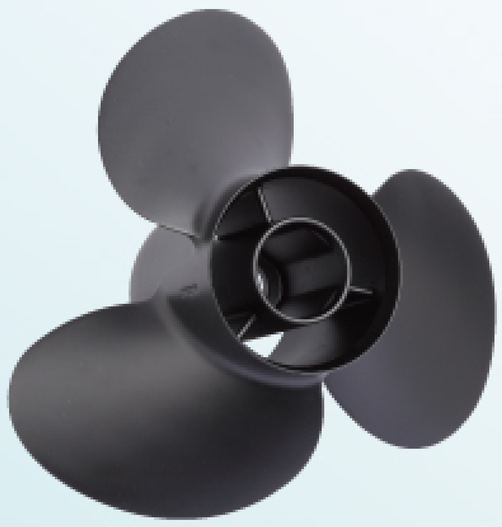
RUBEX 3

* 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

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

Aluminum 3 blade

RUBEX 3 RBX Rubber Hub

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



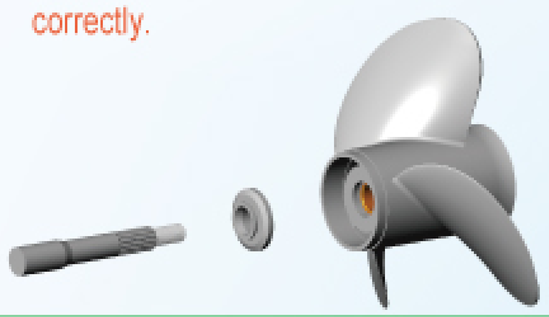
(Hub Kit Not Included)
RBX Patent No : U.S 7,488,225

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.



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

Aluminum 3 blade

RUBEX 3 RBX Rubber Hub

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

Aluminum 3 blade

RUBEX 3 Plus RBX Rubber Hub

B	D	P	R	PART NO.
3	13.875	17	R	9411-139-17
3	13.875	19	R	9411-139-19
3	13.875	21	R	9411-139-21

Recommended for Suzuki DF 70~ DF 140 (4 Stroke, 15 Tooth Spline)

Aluminum 4 blade

RUBEX 4 RBX Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	9413-133-13
4	13	15	R	9413-130-15
4	12.75	17	R	9413-128-17
4	12.5	19	R	9413-125-19

Aluminum 3 blade High Thrust

RUBEX 3 RBX Rubber Hub

B	D	P	R	PART NO.
3	14.1	11	R	9411-141-11

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

Aluminum 3 blade

RUBEX 3 RBX Rubber Hub

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

Aluminum 3 blade

RUBEX 3 Plus RBX Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	9511-160-13
3	15.8	15	R	9511-158-15
3	15.8	15	L	9512-158-15
3	15.5	17	R	9511-155-17
3	15.5	17	L	9512-155-17
3	15.3	19	R	9511-153-19
3	15.3	19	L	9512-153-19
3	15.3	21	R	9511-153-21
3	15.3	21	L	9512-153-21
3	15.3	23	R	9511-153-23

Aluminum 4 blade

RUBEX 4 RBX Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	9513-148-15
4	14.5	17	R	9513-145-17
4	14.25	19	R	9513-143-19
4	14	21	R	9513-140-21

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

RUBEX™ STAINLESS STEEL

Interchangeable Hub Propellers

PRO SERIES

SAV

SOLAS ADJUSTABLE VENT



PRO L3

High Precision Blade
for
High Performance



PRO L4

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

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



HYDRO

NEW!

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



RUBEX NS3

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



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 S3

* High performance for bass & bay boats
* High rake design for increased bow lift
* Extra cupping suitable for high engine mounting
* Cut down blade reduces drag



RUBEX L4

* Bravo I propeller replacement
* High rake and cupped blade desig
* 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

RUBEX™ STAINLESS STEEL

Interchangeable Hub Propellers

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

Stainless steel 3 blade

RUBEX NS3 RBX Rubber Hub

B	D	P	R	PART NO.
3	11 5/8	11	R	9331-116-11
3	11 3/8	12	R	9331-114-12
3	11 1/8	13	R	9331-111-13
3	11 1/8	14	R	9331-111-14
3	11	15	R	9331-110-15

Stainless steel 4 blade

RUBEX C4 RBX Rubber Hub

B	D	P	R	PART NO.
4	11 1/2	12	R	9333-115-12
4	11 1/2	13	R	9333-115-13
4	11 1/2	14	R	9333-115-14

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

Stainless steel 3 blade

RUBEX NS3 RBX Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	9431-138-13
3	13 3/4	13	L	9432-138-13
3	13 1/2	15	R	9431-135-15
3	13 1/2	15	L	9432-135-15
3	13 1/4	17	R	9431-133-17
3	13 1/4	17	L	9432-133-17
3	13	19	R	9431-130-19
3	13	19	L	9432-130-19
3	13	21	R	9431-130-21

Stainless steel 4 blade

RUBEX HR4 RBX Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	9453-135-13
4	13 1/2	13	L	9454-135-13
4	13 1/4	15	R	9453-133-15
4	13 1/4	15	L	9454-133-15
4	13 1/4	16	R	9453-133-16
4	13	17	R	9453-130-17
4	13	17	L	9454-130-17
4	13	19	R	9453-130-19
4	13	19	L	9454-130-19
4	13	21	R	9453-130-21
4	13	21	L	9454-130-21



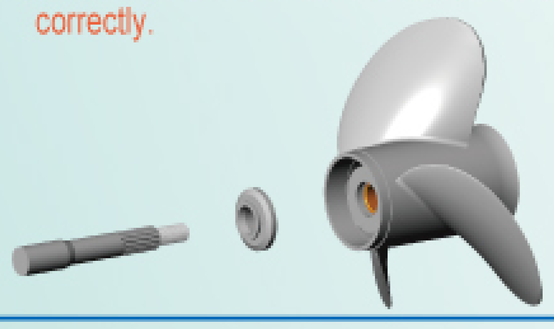
Important :

RBX Hub Kits are required for installation.

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

⊖ ***Notice:***

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



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

Stainless steel 3 blade
RUBEX L3 RBX Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	9571-158-15
3	15 3/4	15	L	9572-158-15
3	15 5/8	16	R	9571-156-16 NEW !
3	15 5/8	16	L	9572-156-16 NEW !
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 NEW !
3	15 3/8	18	L	9572-154-18 NEW !
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 NEW !
3	15 1/8	20	L	9572-151-20 NEW !
3	15	21	R	9571-150-21
3	15	21	L	9572-150-21
3	14 7/8	22	R	9571-149-22 NEW !
3	14 7/8	22	L	9572-149-22 NEW !
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	17	R	9571-160-17
3	16	17	L	9572-160-17
3	16	19	R	9571-160-19
3	16	19	L	9572-160-19
3	15 3/4	21	R	9571-158-21
3	15 3/4	21	L	9572-158-21
3	15 5/8	23	R	9571-156-23
3	15 5/8	23	L	9572-156-23

Stainless steel 3 blade
RUBEX S3 RBX Rubber Hub

B	D	P	R	PART NO.
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
RUBEX HR3 RBX Rubber Hub

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

Stainless steel 3 blade
RUBEX NS3 RBX Rubber Hub

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

Stainless steel 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
HYDRO RBX Rubber Hub NEW !

B	D	P	R	PART NO.
3	14 1/2	15	R	9581-145-15 *
3	14 1/4	17	R	9581-143-17
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

*: coming soon

Stainless steel 3 blade (SAV)System
PRO L3 RBX Rubber Hub

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

Stainless steel 4 blade (SAV)System
PRO L4 RBX Rubber Hub

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

Stainless steel 4 blade
RUBEX HR4 RBX Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	9553-145-15
4	14 1/2	15	L	9554-145-15
4	14 1/4	17	R	9553-143-17
4	14 1/4	17	L	9554-143-17
4	14 1/8	19	R	9553-141-19
4	14 1/8	19	L	9554-141-19
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

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

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

RBX™ Hub Kits for RUBEX

•RUBEX HUB KIT APPLICATION CHART•

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

Mercury/Mariner/Mercruiser	Hub Kit #	Hub #	Prop Category
25 HP Bigfoot 1999-05, 30 HP Bigfoot 2010 and Newer, 30 HP (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) 1977 & Newer, 45 HP 1986-89, 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) 1972-76, 70 HP (Includes Model 700) thru 1983, 80 HP (Mariner) 1977; 13 Tooth spline 3-1/4" Gearcase	RBX-114	17013300	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	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	E
Mercruiser Alpha One & Bravo One (less than 400HP); 15 tooth spline	RBX-102	17015300	E
Application same as the RBX-102 (Rubber & Bronze Hub)	RBX-102B	17015301	E
Models with 1 1/4" propshaft; 19 tooth spline (Rubber & SS Hub)	RBX-123	17016300	E+
225 EFI (4-Stroke) manufactured by Yamaha; 15 tooth spline 4-3/4" Gearcase	RBX-124	17015300	E
Evinrude/Johnson/BRP			
40 & 50 HP (4-Stroke) 1999-05; 13 tooth spline 3-1/4" Gearcase	RBX-115	17013300	C
40-75 HP (Small Gearcase) 1975-2005; 13 tooth spline 3-3/8" Gearcase	RBX-111	17023300	C
40-75 HP (Large Gearcase) 1968 & Newer, 85-140 HP 1969 & Newer; 13 tooth spline 4-1/4" Gearcase	RBX-106	17024300	D
60 & 70 HP (4-Stroke) 1998 & Newer; 13 tooth spline 4-1/4" Gearcase	RBX-110	17024300	D
90 & 115 HP (4-Stroke) 2002-07; 15 tooth spline 4-1/4" Gearcase	RBX-125	17015300	D
140 HP (4-Stroke) 2002-07; 15 tooth spline 4-1/4" Gearcase	RBX-126	17015300	D
90-300 HP 1991 & Newer; 15 tooth spline 4-3/4" Gearcase	RBX-100	17025300	E
90-300 HP 1976-90; 15 tooth spline 4-3/4" Gearcase	RBX-101	17025300	E
200 & 225 HP (4-Stroke) 2004-2005; 15 tooth spline 4-3/4" Gearcase	RBX-104	17015300	E
200-300 HP G2 Engine 2014 & Newer; 15 tooth spline 4-3/4" Gearcase	RBX-151	17025301	E
Suzuki			
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	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	D
DF 70A & DF 80A & DF 90A (4-Stroke) 2009 & Newer; 15 tooth spline 4-1/4" Gearcase	RBX-150	17015300	D
DF 90 2001-08, DF 100 2009 & Newer, DF 115 2001-12, (All 4-Stroke); 15 tooth spline 4-1/4" Gearcase	RBX-125	17015300	D
DF 115A & 140A 2013 & Newer, DF 140 2002-12, (All 4-Stroke); 15 tooth spline 4-1/4" Gearcase	RBX-126	17015300	D
DT 150-225 HP (2-Stroke) 1986 & Newer , DF 150-300 HP (4-Stroke); 15 tooth spline 4-3/4" Gearcase	RBX-104	17015300	E
Volvo			
SX Sterndrives 1994 & Newer; 19 tooth spline 4-3/4" Gearcase	RBX-105	17075300	E



RBX Box

Yamaha	Hub Kit #	Hub #	Prop Category
T25 HP 2010 & Newer, F30 (4-Stroke) 2001-05, F40 (4-Stroke) 1999 & Newer, F50 (4-Stroke) 1995 & Newer, F60 (4-Stroke) 1999 & Newer, 40 HP & 50 HP (not T50) 1984 & Newer, 48 HP 1995-00, 55 HP 1976-95, 60 HP 1976-91 (not T60); 13 tooth spline 3-1/4" Gearcase	RBX-117	17013300	C
T50 1996 & Newer, T60 2003 & Newer, 60 HP (not F60) 1992-05, 70-100 HP (not F75B, F90B) 1984 & Newer; 15 tooth spline 4-1/4"	RBX-208	17015302	D
80-140 HP 1977-83; 15 tooth spline 4-1/4" Gearcase	RBX-102	17015300	D
F75B & F90B / 115 HP & 130 HP 1984 & Newer, F115 (4-Stroke) 2000 & Newer; 15 tooth spline 4-1/4" Gearcase	RBX-203	17015302	D
Same application as RBX-203 with Improved Shift Dampening and Vibration Reduction - Yamaha SDS Application (Rubber & Bronze Hub)	RBX-203B	17015301	D
150-175 HP 1978-83; 15 tooth spline 4-3/4"Gearcase	RBX-102	17015300	E
150-225 HP 1984 & Newer, 15 tooth spline	RBX-203	17015302	E
250 HP 1984 & Newer, 15 tooth spline; 300 HP (4 Stroke V6 Engine) 2004-2007 & 2010 & Newer; Sterndrives 1989-1993, 15 tooth spline	RBX-203B	17015301	E
300 HP (4-stroke V8 Engine), 350 HP (4-stroke V8 Engine); 17 tooth spline 5-1/4" Gearcase (Rubber & Bronze Hub)	RBX-127	17039300	E+
Nissan/Tohatsu			
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	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	C
60-140 HP (except 60A, 70A, & 70B) 1987 & Newer; 15 tooth spline 4-1/4" Gearcase	RBX-109	17015300	D
Honda			
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	C
BFP 60 2010 & Newer, BF 75 & BF 90 1999 & Newer, BF 115 1998-10, BF 130 1998-04; 15 Tooth Spline 4-1/4" Gearcase	RBX-107	17015300	D
BF 75-90 1995-98; 15 tooth spline 4-1/4" Gearcase	RBX-102	17015300	D
BF 115D 2011 & Newer, BF 135-250 2002 & Newer; 15 Tooth Spline 4-3/4" Gearcase	RBX-107	17015300	E
Application same as the RBX-107 (Rubber & Bronze Hub)	RBX-107B	17015301	E
OMC/Cobra Sterndrives			
Model 400 Cobra 1978-91; 13 tooth spline 4-1/4" Gearcase	RBX-106	17024300	D
Model 800/Cobra/King Cobra 1978-90; 15 tooth spline 4-3/4" Gearcase	RBX-101	17025300	E
Model 800/Cobra/King Cobra 1991-94; 15 tooth spline 4-3/4" Gearcase	RBX-100	17025300	E
Cobra SX 1994 & Newer; 19 tooth spline 4-3/4" Gearcase	RBX-105	17075300	E
Force			
40 & 50 HP 1995-98, 70 HP 1991-95, 75 HP 1996-98; 13 tooth spline 3-1/4" Gearcase	RBX-114	17013300	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	D

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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SOLAS
STAINLESS STEEL

Mercury, Mariner, Force, Mercruiser are registered trademarks of the Brunswick Corporation.

Mercury, Mariner, Force Outboard, Mercruiser Stern Drive

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 PROP Stainless steel 3 blade 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

Prop hardware for pressed in hub propeller.

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

KITS part # : 17011501

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



SATURN
General Purpose Propeller

1121-093-09

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 PROP Stainless steel 3 blade Rubber Hub

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

Prop hardware for pressed in hub propeller.

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

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



5121-093-09



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

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


0001- 073- 06- P

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

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

AMITA 3 Aluminum 3 blade Rubber Hub

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


5011-078-09

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

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

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

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


5011- 085- 08


5013- 087- 07

8HP (Pin Drive)

8HP 1976-84 Mariner

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


2011-083-08P



Rubber Hub: PO6-RB P/N: 1798001

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

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

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

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

AMITA 3 Aluminum 3 blade Rubber Hub

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


1111-093-10

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

1113-100-07



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

KITS part # : 17011501

Prop hardware for pressed in hub propeller.

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

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

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

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

Prop hardware for pressed in hub propeller.

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

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

SOLAS
STAINLESS STEEL

Mercury, Mariner, Force Outboard, Mercruiser Stern Drive

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



1231-103-12

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

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



1253-100-12

Prop hardware for pressed in hub propeller.

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

KITS part # : 17012501

* 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

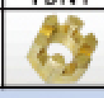
NEW SATURN PROP Stainless steel blade Rubber Hub

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 NEW!
4	10	11	R	3253-100-11 NEW!
4	10	12	R	3253-100-12 NEW!

Prop hardware for pressed in hub propeller.

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

* 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



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

Prop hardware for pressed in hub propeller.

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

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

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

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



5253-100-11

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

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

9.9&15HP (4-Stroke Big Foot/Sail) ...99~2005
18 HP (Mercury) ……..…..…80 ~ 85
20 HP (2-Stroke Mercury) ... 86 ~ 02
25 HP (Mariner 2-Stroke) ……. 85 ~
25 HP (2-Stroke Mercury) ……... 80 ~ 05
25 HP (Sea Pro/Marathon) …. All Years
20 HP (Mariner 2-Stroke) ... 85 ~
(FORCE) 25 HP 3Cyl 95 ~ 98

AMITA 3 Aluminum 3 blade Rubber Hub

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



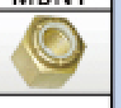
1211-103-12

AMITA 4 Aluminum 4 blade Rubber Hub

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



1213-100-13

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
	MBTW		MBWS	MBNT
B		Installed on Prop		
KITS part # : 17012501				

Prop hardware for pressed in hub propeller.

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

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

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

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

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

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

Prop hardware for pressed in hub propeller.

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



3211-099-12



3213-100-13

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

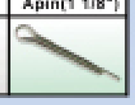
25 HP 4-Stroke (Not Bigfoot).....06-Newer 30 HP 4-Stroke (Not Bigfoot).....06-Newer

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

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

Prop hardware for pressed in hub propeller.

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



5211-099-11



5013-100-13

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

SOLAS
STAINLESS STEEL

Mercury, Mariner, Force Outboard, Mercruiser Stern Drive

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.

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
C	MCTW		MCWS	MCNT
		Installed on Prop		

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.

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
C				TCNT	Cpin(1 1/2")
	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part		

* 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

HR TITAN 4 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.

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

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-C Plus Aluminum 3 blade 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 (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
C	MCTW		MCWS	MCNT
		Installed on Prop		

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

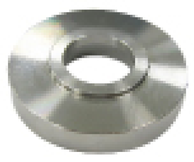
B	D	P	R	PART NO.
3	13.2	19	R	1411-132-19
3	13.2	21	R	1411-132-21

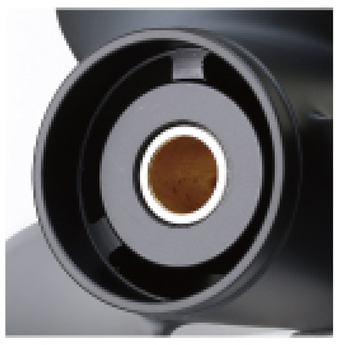
AMITA 4 Aluminum 4 blade Rubber Hub

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)

MD-TW





Aluminum Propeller



Stainless steel Propeller

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

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
D	MDTW		MEWS	MDNT
		Installed on Prop		

KITS part # : 17014501

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

* New SOLAS MD Propeller (Front view)

Original Mercury Flo-Torq Thrust Washer

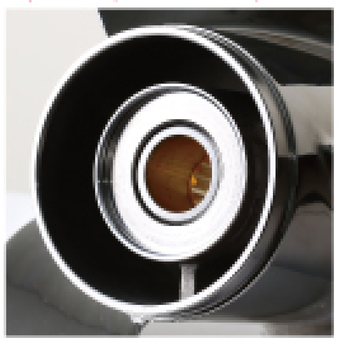


ME-TW 81013150





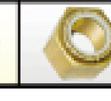
Aluminum Propeller



Stainless steel Propeller

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 (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
D-1	METW		MEWS	MDNT
	81013150 	Installed on Prop		

KITS part # : 17014501A

SOLAS
STAINLESS STEEL

Mercury, Mariner, Force Outboard, Mercruiser Stern Drive

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

90 HP (Command Thrust) ….. 2014 ~
100 HP (Command Thrust) … 2015 ~
115 HP (Command Thrust) … 2014 ~
135 HP ……..…… 87 ~
150 HP ……..…… 78 ~
150 HP (Yamaha) ……..…… 79 ~ 83
175 HP ……..…… 78 ~
175 HP (Yamaha) ……..….. 78 ~79
200 HP ……..…….…… 78 ~
220 HP ……..…… 87 ~ 88
225 HP ……..…… 80 ~
225 HP (Sea Pro/Marathon) … All Years
250 HP …… 94 ~
275 HP ……..…… 90 ~ 94
300 HP ……..…..…… 83, & 99 ~
3.4 Litre …….. 84 ~ 86

MERCRUISER STERNDRIVES
MODELS 1S, 1B, 1C … ~ 82
MODELS 120, 140, 145 DTS … ~ 82
MODELS 165, 228, 470, 485, 888, 898 … ~ 82
MODELS 225S, 233, 255TRS, 260, 280TRS, 330TRS … ~ 82
MERCRUISER 120 ~ 260 HP … 83 ~ 85
ALPHA ONE DRIVE (Gen.1 & Gen. 2 All Motors & HP)
BRAVO ONE DRIVE (Bravo One & Bravo One X Drives Only)

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

NEW SATURN-E Plus
Suggested for 135 ~ 150 HP Motors for Heavy Boat

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

HR TITAN3 PROP Stainless steel 3 blade Rubber Hub

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

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

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

LEXOR PROPELLER 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


LEXOR
1571-151-20

Scorpion Stainless steel 3 blade Rubber Hub

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


NEW SATURN
1531-140-21


HR TITAN3
1551-148-20


HR TITAN4
1553-140-21

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

KITS part # : 17015501

Prop hardware for pressed in hub propeller.

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

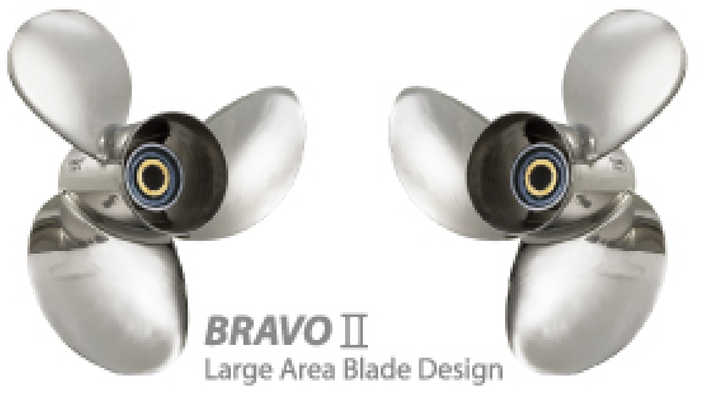
F MERCRUISER (BRAVOⅡ)

(19 Tooth Spline & Thru Hub Exhaust)

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

TITAN PROP Stainless steel 3 blade Rubber Hub

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


BRAVO Ⅱ
Large Area Blade Design

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

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

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

90 HP (Command Thrust) ….. 2014 ~
100 HP (Command Thrust) … 2015 ~
115 HP (Command Thrust) … 2014 ~
135 HP ……..…… 87 ~
150 HP ……..…… 78 ~
150 HP (Yamaha) ……..…… 79 ~ 83
175 HP ……..…… 78 ~
175 HP (Yamaha) ……..….. 78 ~79
200 HP ……..……..…… 78 ~
220 HP ……..…… 87 ~ 88
225 HP ……..……..…… 80 ~
225 HP (Sea Pro/Marathon) … All Years
250 HP …… 94 ~
275 HP ……..…… 90 ~ 94
300 HP ……..……..…… 83, & 99 ~
3.4 Litre …….. 84 ~ 86

MERCRUISER STERNDRIVES
MODELS 1S, 1B, 1C … ~ 82
MODELS 120, 140, 145 DTS … ~ 82
MODELS 165, 228, 470, 485, 888, 898 … ~ 82
MODELS 225S, 233, 255TRS, 260, 280TRS, 330TRS … ~ 82
MERCRUISER 120 ~ 260 HP … 83 ~ 85
ALPHA ONE DRIVE (Gen.1 & Gen. 2 All Motors & HP)
BRAVO ONE DRIVE (Bravo One & Bravo One X Drives Only)

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	1511-160-13
3	15.8	15	R	1511-158-15
3	15.8	15	L	1512-158-15
3	15.5	17	R	1511-155-17
3	15.5	17	L	1512-155-17
3	15.3	19	R	1511-153-19
3	15.3	19	L	1512-153-19
3	15.3	21	R	1511-153-21
3	15.3	21	L	1512-153-21
3	15.3	23	R	1511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

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

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

KITS part # : 17015501

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


1513-140-21

F MERCRUISER (BRAVOⅡ)

(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

BRAVOⅡ is a registered trademark of the Brunswick Coporation.



Mercury Sport Jet Impellers

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

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



MC-CD-22/39 for Mercury Sport jet

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

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

SOLAS
STAINLESS STEEL

Mercury, Mariner, Force Outboard, Mercruiser Stern Drive

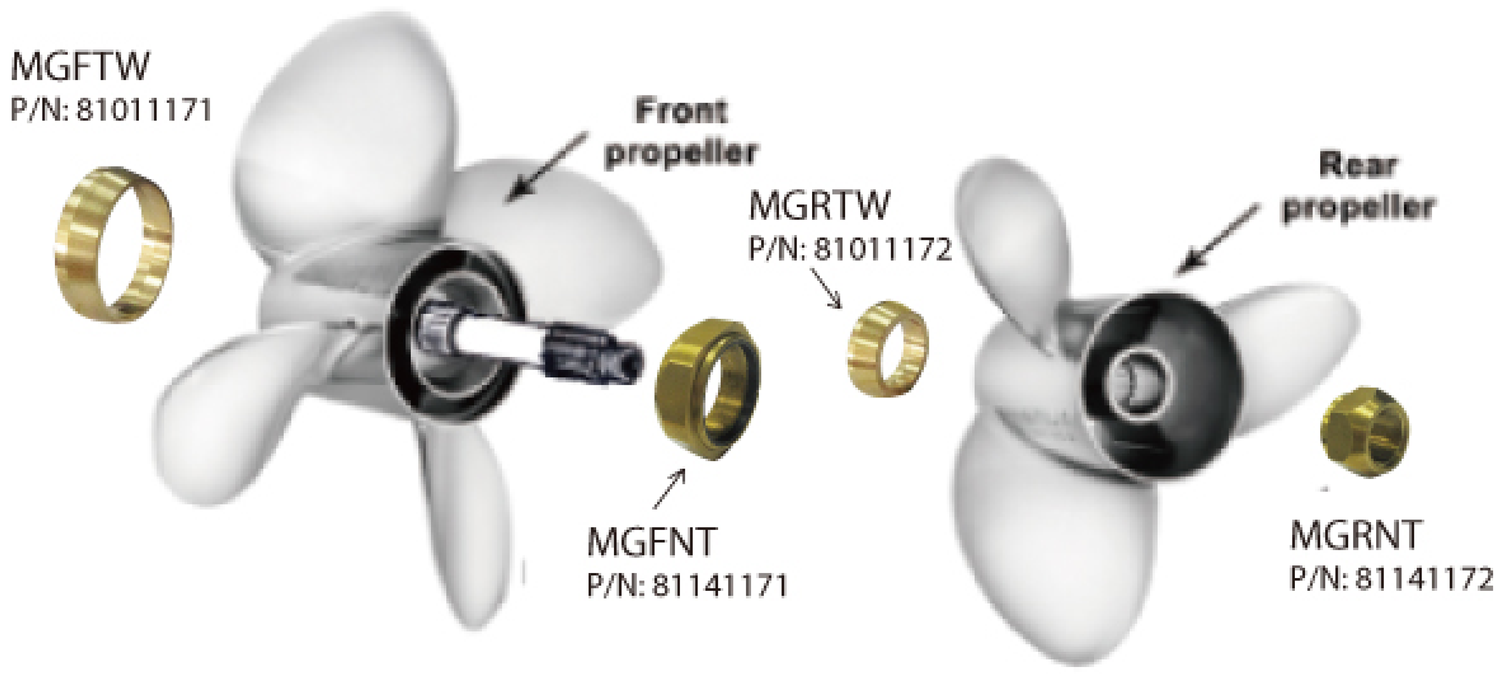
MERCRUISER (BRAVOⅢ)

(19 Tooth Spline & Thru Hub Exhaust)

Fits all BravoⅢ Stern drives.

B3 **Stainless steel 3/4 blade Rubber Hub**

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

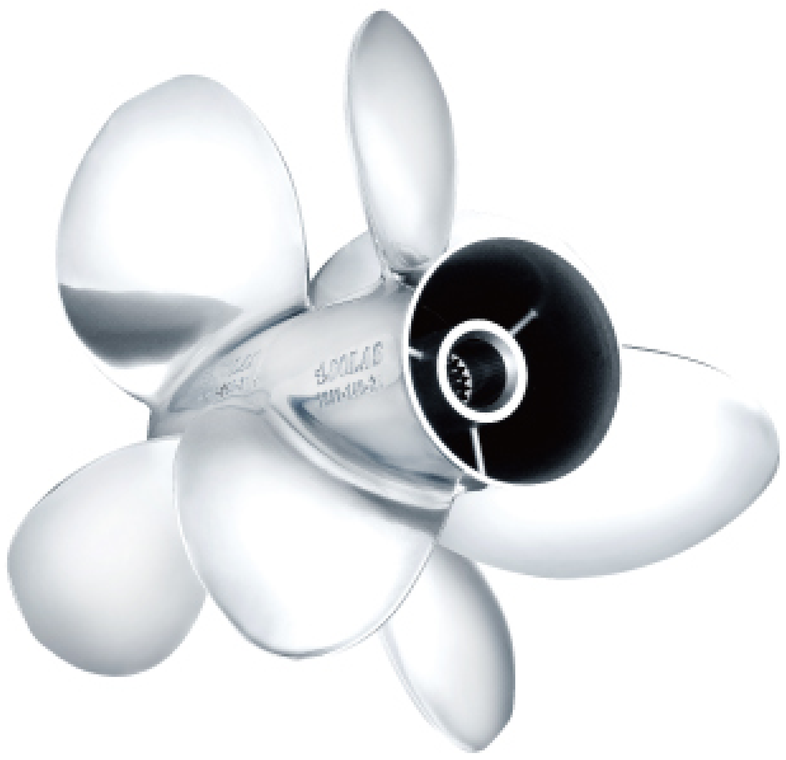


B3 BRAVO III	Front Thrust Washer	Rear Thrust Washer	Front Nut	Rear Nut	17017501
					
	MGFTW	MGRTW	MGFNT	MGRNT	

SOLAS B3

BRAVO III Dual Props

BRAVOⅡ is a registered trademark of the Brunswick Coporation.





B3 for
MERCURY BRAVO 3

Stainless steel
4 blade front & 3 blade rear
Solid hub

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

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

Interchangeable Hub System

NEW!

HYDRO

S/S PROPELLER



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

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

Hydro 9581-145-15 ~ coming soon

SOLAS®
Where Speed Begins

RUBEX™

www.solas.com www.rubexprops.com

BRP/Johnson/Evinrude/OMC are registered trademarks of the Bombardier Recreational Products Inc. .

BRP, Johnson , Evinrude , OMC Stern Drive

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

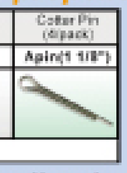
SATURN PROP Stainless steel 3 blade Rubber Hub

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



2121-093-09

Prop hardware for pressed in hub propeller.

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

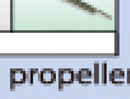
SATURN PROP Stainless steel 3 blade Rubber Hub

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



4121-093-09

Prop hardware for pressed in hub propeller.

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

KITS part # : 17041501A

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

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

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

NEW SATURN PROP Stainless steel 3 blade 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 PROP Stainless steel 4 blade Rubber Hub

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



2253-100-11

Prop hardware for pressed in hub propeller.

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

KITS part # : 17022501

* 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 PROP Stainless steel 3 blade Rubber Hub

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

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

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

Prop hardware for pressed in hub propeller.

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

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

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

SOLAS

ALUMINUM

BRP, Johnson , Evinrude , OMC Stern Drive

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

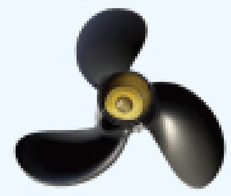
B	D	P	R	PART NO.
3	8.0	7	R	2011-080-07P
3	8.5	9	R	2011-085-09P

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

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

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

KITS part # : 17021501

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

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

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

High Thrust Propeller
Excellent forward and reverse thrust.
Ideal for kicker/auxilliary engines with heavy loads

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

KITS part # : 17041501A

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

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

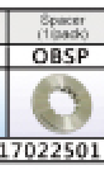
15 HP E-TEC H.O. ..... 2011 ~
20 HP 2 Cyl..... 84 ~ 97
25 HP (Commercial) ..... 93 ~ 05
25 HP 2 & 3 Cyl ..... 84 ~
25 HP E-TEC .... 2009 ~
30 HP 2 Cyl ..... 84 ~
30 HP E-TEC .... 2009 ~
35 HP 2 Cyl ..... 79 ~ 83
35 HP 3 Cyl ..... 97 ~ 01

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	11	9	R	2211-110-09
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

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

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)

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	11	9	R	4211-110-09
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



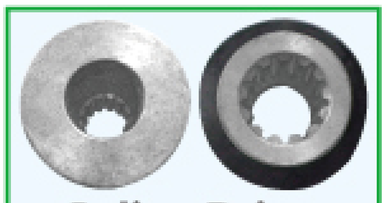
14-28HP (13 Tooth Spline)

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

SOLAS

STAINLESS STEEL

BRP, Johnson , Evinrude , OMC Stern Drive

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

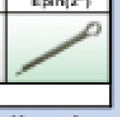
NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

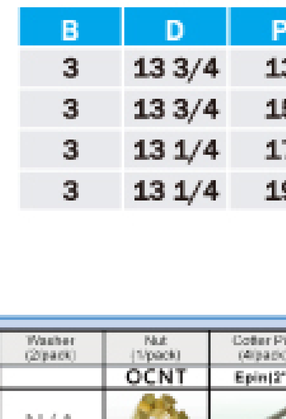
KITS part # : 17023501

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

* 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

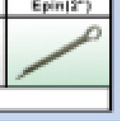
B	D	P	R	PART NO.
3	14	11	R	2431-140-11
3	13 3/4	13	R	2431-138-13
3	13 1/2	15	R	2431-135-15
3	13 1/4	17	R	2431-133-17
3	13	19	R	2431-130-19
3	13	21	R	2431-130-21

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

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

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

HR TITAN 3 PROP Stainless steel 3 blade Rubber Hub

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

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

SOLAS

ALUMINUM

BRP, Johnson , Evinrude , OMC Stern Drive

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

40 HP 2Cyl ..... 84 ~ 05
48 HP ..... 87 ~ 96
50 HP 2Cyl ..... 75 ~ 05
55 HP 2 Cyl ..... 76 ~ 79
60 HP 2 Cyl ..... 80 ~ 85
65 HP 2 Cyl ..... 80 ~ 85
75 HP 3 Cyl ..... 75 ~ 85
Sprint ..... 86 ~ 92
Formula E ..... 86 ~ 92

AMITA 3 Aluminum 3 blade Rubber Hub

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



2311-125-13

Prop hardware for pressed in hub propeller.

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

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 Aluminum 3 blade Rubber Hub

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



4311-114-15

Prop hardware for pressed in hub propeller.

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

* 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

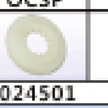
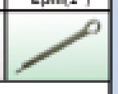
B	D	P	R	PART NO.
3	14	9	R	2411-140-09
3	14	11	R	2411-140-11
3	13.75	13	R	2411-138-13
3	13.5	14	R	2411-135-14
3	13.5	15	R	2411-135-15
3	13.5	16	R	2411-135-16
3	13.25	17	R	2411-133-17
3	13.25	18	R	2411-133-18
3	13	19	R	2411-130-19
3	13	21	R	2411-130-21

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

KITS part # : 17024501

Prop hardware for pressed in hub propeller.

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

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

Prop hardware for pressed in hub propeller.

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

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

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

SOLAS
STAINLESS STEEL

BRP, Johnson , Evinrude , OMC Stern Drive

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

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

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

225 HP V6 (Includes E-TEC) ..... 86 ~
235 HP V6 ..... 78 ~ 85
250 HP V8 (Includes E-TEC) ..... 91 ~
250 HP V6 (Includes E-TEC) ..... 01 ~
275 HP V8 ..... 86 ~ 88
300 HP V8 (Includes E-TEC) .... 88 ~ 95; 09 ~

2.6 Liter V-6 ..... 84 ~ 85
3.6 Liter V8 ..... 86 ~ 87

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

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

LEXOR PROPELLER Stainless steel 3 blade Rubber Hub

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



LEXOR
2571-150-21

Scorpion Stainless steel 3 blade Rubber Hub

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

NEW SATURN
2531-140-19

HR TITAN3
2551-148-20

HR TITAN4
2553-140-21

Prop hardware for pressed in hub propeller.

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

KITS part # : 17025501

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

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

LEXOR PROPELLER 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

Prop hardware for pressed in hub propeller.

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

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

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

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

90 HP V4 (Includes DPX) ..... 95 ~
90 HP E-TEC (25" Shaft) ..... 2004 ~
100 HP V4 (Commercial) ..... 84 ~
100 HP ..... 2004 ~
115 HP V4 (Includes DSX,DPX, & DCX) ... 95 ~
115 HP E-TEC (25" Shaft) ..... 2004 ~
115 HP (Pontoon Series) ..... 2014 ~
120-140 HP V4 1985
130 HP V4 ..... 95 ~ 96
130 HP E-TEC (25" Shaft)..... 09 ~ 10
135 HP V6 ..... 2014 ~
140 HP (25" Shaft) ..... 89 ~ 94
150 HP V6 (Includes E-TEC) ... 78 ~
150 HP V6 (Commercial) ..... 93 ~
150 HP (Pontoon Series) .... 2014 ~
155 HP V6 (Commercial) ..... 78 ~
175 HP V6 (Includes E-TEC) ... 77 ~
185 HP V6 ..... 84 ~ 85
200 HP V6 (Includes E-TEC) .... 76 ~
225 HP V6 (Includes E-TEC) ..... 86 ~
235 HP V6 ..... 78 ~ 85
250 HP V8 (Includes E-TEC) ..... 91 ~
250 HP V6 (Includes E-TEC) ..... 01 ~
275 HP V8 ..... 86 ~ 88
300 HP V8 (Includes E-TEC) .... 88 ~ 95; 09 ~

2.6 Liter V-6 ..... 84 ~ 85
3.6 Liter V8 ..... 86 ~ 87

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

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

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

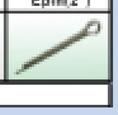
AMITA 4 Aluminum 4 blade Rubber Hub

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


AMITA 3
2511-145-19


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


AMITA 4
2513-140-21

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


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

Prop hardware for pressed in hub propeller.

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	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.

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

Yamaha is a registered trademark of the Yamaha Corp.

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-Stoke)…… 07 ~

SATURN PROP Stainless steel 3 blade Rubber Hub

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



3121-093-09

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

KITS part # : 17031501

Prop hardware for pressed in hub propeller.

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

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

20 HP …….. 96 ~ 97
25 HP …….. 80 ~
F25 (4 Stroke) …… 98 ~ 06; 10 ~
30 HP …. …. …. …. …. 1979 ~2002

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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



3231-101-13

SATURN PROP Stainless steel 3 blade Rubber Hub

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



3221-100-10

NEW SATURN PROP Stainless steel 4 blade Rubber Hub

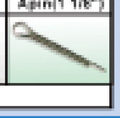
B	D	P	R	PART NO.
4	10	9	R	3233-100-09
4	10	10	R	3233-100-10

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

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



3253-100-11

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

KITS part # : 17032501

Prop hardware for pressed in hub propeller.

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

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

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

3011-073-05S for 2.5HP
3011-075-07S for 5 HP

AMITA 3 Aluminum 3 blade Rubber Hub

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



Spline Drive
Rubber Hub: Y5-RB
P/N: 1703001

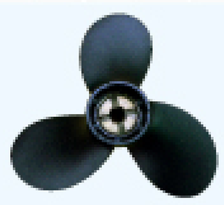
8 6~9.9 Horsepower (7 Tooth Spline & Thru Hub Exhaust)

6 HP (2-Stroke) ..... 86 ~ 00
F6 (4-Stroke).....01~ 10
8 HP (2-Stroke) .....86 ~ 09
F8 (4-Stroke)..... 01 ~
F9.9 (4-Stroke).....08~

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

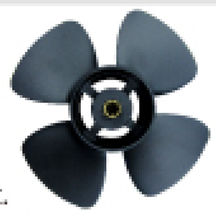
AMITA 3 Aluminum 3 blade Rubber Hub

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

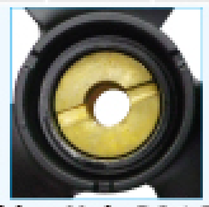
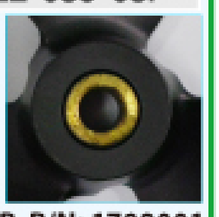


High Thrust Propeller
Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads

Pin Drive for 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-Stoke)..... 07 ~

AMITA 3 Aluminum 3 blade Rubber Hub

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

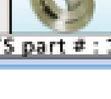
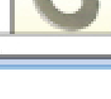
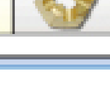
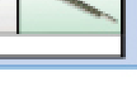
AMITA 4 Aluminum 4 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

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

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

KITS part # : 17031501

Prop hardware for pressed in hub propeller.

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

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

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

20 HP ..... 96 ~ 97
25 HP ..... 80 ~
F25 (4 Stroke) ..... 98 ~ 06; 10 ~
30 HP ..... 1979 ~2002

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

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

KITS part # : 17032501

Prop hardware for pressed in hub propeller.

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



Pin Drive
Rubber Hub: POA-RB2
P/N: 1798102



Spline Drive
Rubber Hub: POA-RB
P/N: 1798101

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

SOLAS

STAINLESS STEEL | Yamaha

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

T25 HP ..... 10 ~
F30 (4 Stroke) ..... 01 ~05
F30 (4 Stroke) ... 2015 ~ Newer
40 HP (Includes C40) .... 84 ~
F40 (4 Stroke) .....99 ~
48 HP ..... 95 ~ 00
50 HP (not T50)..... 84 ~
F50 (4 Stroke) ..... 95 ~
55 HP .....76 ~ 95
60 HP ..... 76 ~91
F60 (4 Stroke) ..... 99 ~

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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



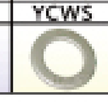
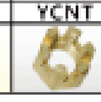
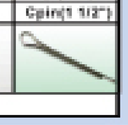
3331-110-15

SATURN PROP Stainless steel 3 blade Rubber Hub

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



3321-111-13

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
	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 (Inludes C75/E75/P75) .94 ~ 99
F75 (4 Stroke) ..... 03 ~
80 HP 1997
F80 (4 Stroke) .....99 ~ 02
85 HP ..... 91 ~ 97
90 HP (Incudes 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

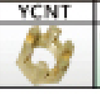
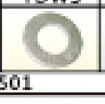
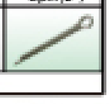
HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

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

Prop hardware for pressed in hub propeller.

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

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

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

SOLAS ALUMINUM | Yamaha

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

T25 HP ..... 10 ~
F30 (4 Stroke) ..... 01 ~05
F30 (4 Stroke) ... 2015 ~ Newer
40 HP (Includes C40) .... 84 ~
F40 (4 Stroke) .....99 ~
48 HP .....95 ~ 00
50 HP (not T50)..... 84 ~
F50 (4 Stroke) ..... 95 ~
55 HP .....76 ~ 95
60 HP .....76 ~91
F60 (4 Stroke) ..... 99 ~

AMITA 3 Aluminum 3 blade Rubber Hub

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


3311-110-15

AMITA 3-C Plus 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

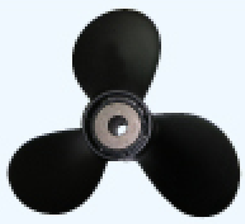
AMITA 4 Aluminum 4 blade Rubber Hub

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

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 (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
C	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 (Inludes C75/E75/P75) .94 ~ 99
F75 (4 Stroke) ..... 03 ~
80 HP 1997
F80 (4 Stroke) .....99 ~ 02
85 HP ..... 91 ~ 97
90 HP (Incudes 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

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

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



Prop hardware for pressed in hub propeller.

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

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

*Check with engine manufacture 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-Stoke) (Includes Offshore) .. 02 ~
VF225 VMAX SHO .....10~
250 HP ..... 90 ~
250 HP (VMAX) ..... 01 ~
F250HP Include VMAX and Offshore
F250 (4 Stroke) (Includes Offshore)..02 ~
300 HP (2-stroke V6 Engine)..... 04 ~ 07
F300 Offshore (4-Stroke V6 Engine) ..10 ~
Sterndrive 3.0L ~7.47L

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

NEW SATURN-E Plus
Suggested for 135 ~ 150 HP Motors for Heavy Boat

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

HR TITAN 3 PROP Stainless steel 3 blade Rubber Hub

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

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

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

LEXOR PROPELLER Stainless steel 3 blade Rubber Hub

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



LEXOR
3571-148-23

Scorpion Stainless steel 3 blade Rubber Hub

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



NEW SATURN
3531-140-21



HR TITAN3
3551-145-21



HR TITAN4
3553-140-21

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	YETW	YDSP	YDWS	YENT	6pin(3")
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 manufacture 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-Stoke) (Includes Offshore) .. 02 ~
VF225 VMAX SHO .....10~
250 HP ..... 90 ~
250 HP (VMAX) ..... 01 ~
F250HP Include VMAX and Offshore

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

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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



AMITA 3
3511-143-21



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



AMITA 4
3513-140-21

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	YETW	YDSP	YDWS	YENT	6pin(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 manufacture for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

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

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

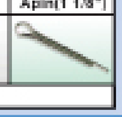
DF 9.9A / DF 9.9B (4-Stroke).. 2010 ~
DT 15 ……... 83 ~ 88
DT 15C …… 89 ~ 97

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

SATURN PROP Stainless steel 3 blade Rubber Hub

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


4121-093-11A

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

KITS part # : 17041501A

Prop hardware for pressed in hub propeller.

* SOLAS aftermarket hardware to install prop on engines.

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

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

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

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

DF 30 ……... 00 ~ 07
DF 30A …… 2014 ~

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

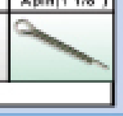
B	D	P	R	PART NO.
3	10 3/4	10	R	4231-108-10
3	10 1/2	11	R	4231-105-11
3	10 1/4	12	R	4231-103-12
3	10 1/8	13	R	4231-101-13
3	10	14	R	4231-100-14
3	10	15	R	4231-100-15


4231-101-13

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

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


4253-100-11

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

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 manufacture for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

SOLAS

ALUMINUM | Suzuki

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





Spline Drive
Rubber Hub: S6-RB
P/N: 1704001

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

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

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

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

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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



4113-100-07A

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

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

	Thrust Washer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
	SATW	SAWS	SANT	Ø4in(1 1/8")
A				

KITS part # : 17041501A

Prop hardware for pressed in hub propeller.

- SOLAS aftermarket hardware to install prop on engines.

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

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

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

DF 30 ……... 00 ~ 07
DF 30A …… 2014 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	11	9	R	4211-110-09
3	10.5	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

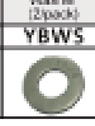
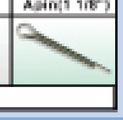
B	D	P	R	PART NO.
4	10.2	11	R	4213-102-11
4	10.1	12	R	4213-101-12
4	10	13	R	4213-100-13
4	10	14	R	4213-100-14
4	10	15	R	4213-100-15



4211-101-13



4213-100-13

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2pack)	Nut (1/pack)	Cotter Pin (4/pack)
	SBTW	SBSP	YBWS	SBNT	Ø4in(1 1/8")
B					

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 manufacture 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 PROP Stainless steel 3 blade Rubber Hub

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

SATURN PROP Stainless steel 3 blade Rubber Hub

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

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
C	SCTW	SCSP	YDWS	YENT	6pin(2")

KITS part # : 17043501

Prop hardware for pressed in hub propeller.

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



NEW SATURN
4331-111-13



SATURN
4321-111-13

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

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

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

Prop hardware for pressed in hub propeller.

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

TITAN PROP Stainless steel 3 blade Rubber Hub

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

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

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



NEW SATURN
4431-133-17



TITAN
4441-133-19



HR TITAN 4
4453-130-17

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

DF 70A (4-Stroke).....09 ~
DF 80A (4-Stroke)..... 09 ~
DF 90 (4-Stroke)... 01 ~ 08
DF 90A (4-Stroke)..... 2009 ~
DF100 (4-Stroke) ..... 2009 ~
DF 115 (4-Stroke) ... 01 ~ 12
DF 115A (4-Stroke) ..... 2013 ~
DF 140 (4-Stroke)..... 02 ~ 12
DF 140A (4-Stroke) ..... 2013 ~

HR TITAN 3 PROP Stainless steel 3 blade Rubber Hub

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

Kits for DF90, DF115

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
D	SDTW1	SDSP	YDWS	YENT	6pin(2")

KITS part # : 17044501

Kits for DF140

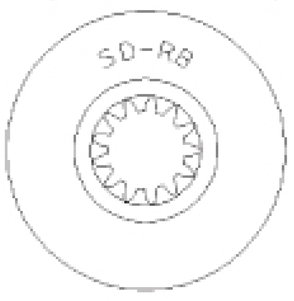
	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
D	SDTW2	SDSP	YDWS	YENT	6pin(2")

KITS part # : 17044502

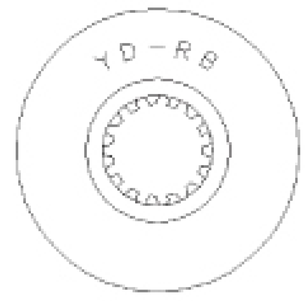
Prop hardware for pressed in hub propeller.

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

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



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



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

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

*Check with engine manufacture 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 Aluminum 3 blade -C Plus Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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


4311-114-15


4313-108-12

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
C	SCTW	SCSP	YDWS	YENT	Ø3in(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
DF 70 (4 Stroke).....98 ~ 08
DT 75 .....83 ~ 97
DT 85 ..... 79 ~ 00
DT 90 ..... 89 ~ 97
DT 100 ..... 89 ~ 00
DT 115 ..... 81 ~ 01
DT 140 ..... 81 ~ 01

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 3 Aluminum 3 blade Rubber Hub

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

Prop hardware for pressed in hub propeller.

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

AMITA 4 Aluminum 4 blade Rubber Hub

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


4411-133-17


4413-128-17

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

DF 70A (4-Stroke).....09 ~
DF 80A (4-Stroke)..... 09 ~
DF 90 (4-Stroke)... 01 ~ 08
DF 90A (4-Stroke)..... 2009 ~
DF100 (4-Stroke) ..... 2009 ~
DF 115 (4-Stroke) ... 01 ~ 12
DF 115A (4-Stroke) ..... 2013 ~
DF 140 (4-Stroke)..... 02 ~ 12
DF 140A (4-Stroke) ..... 2013 ~

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

Kits for DF90, DF115

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
D	SDTW1	SDSP	YDWS	YENT	Ø3in(2")

KITS part # : 17044501

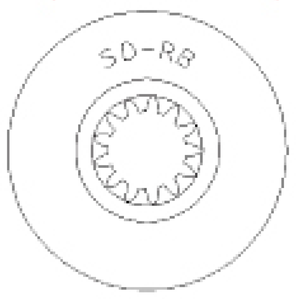
Kits for DF140

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
D	SDTW2	SDSP	YDWS	YENT	Ø3in(2")

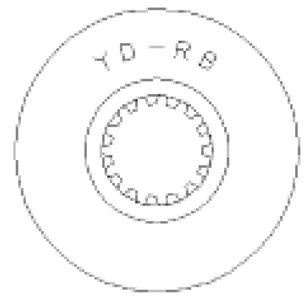
KITS part # : 17044502

Prop hardware for pressed in hub propeller.

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



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



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

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

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

SOLAS

STAINLESS STEEL | Suzuki

E 150~300 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

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

NEW SATURN-E Plus

Suggested for 135 ~ 150 HP Motors for Heavy Boat

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

HR TITAN3 PROP Stainless steel 3 blade Rubber Hub

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



NEW SATURN
4531-140-19



HR TITAN3
4551-145-21

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

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

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

LEXOR PROPELLER 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 PROPELLER 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 PROPELLER 4 Stainless steel 4 blade Rubber Hub

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



HR TITAN4
4553-140-20



LEXOR
4571-148-23



LEXOR PLUS
4571-158-21



LEXOR 4
4573-153-22

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

KITS part # : 17045501

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

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

SOLAS

ALUMINUM | Suzuki

E 150~300 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 Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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



AMITA 3
4511-145-19



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



AMITA 4
4513-143-19

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

KITS part # : 17045501

Prop hardware for pressed in hub propeller.

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

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

SOLAS

STAINLESS STEEL

Tohatsu, Nissan

Tohatsu is a registered trademark of the Tohatsu Corp.
Nissan is a registered trademark of the Nissan jidosha Motor Corp.

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
18 HP (2-Stroke) .....1985~Newer
18 HP (4-Stroke) .....01~08
20 HP (4-Stroke) .....2007~Newer
MFS 9.9,15,18,20 (4-Stroke); MSFMFS 9.9,15,18,20

SATURN PROP Stainless steel 3 blade Rubber Hub

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



5121-093-09

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
A	TATW		TAWS	TANT	Apin(1 1/8")
		N/A			
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)
NSF 25,30(4-Stroke)
25 HP .....86 ~ 01
25 HP (4-Stroke) ..... 02 ~
30 HP .....85 ~ 01
30 HP (4-Stroke) ..... 02 ~
30 HP TLDI.....2016~ 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



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 NEW!
4	10	11	R	5253-100-11 NEW!
4	10	12	R	5253-100-12 NEW!



5253-100-11

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
B	TBTW		TAWS	TANT	Apin(1 1/8")
		N/A			
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 manufacture for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

SOLAS

ALUMINUM

Tohatsu, Nissan

2.5~3.5HP (Plastic Propeller)

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

0001- 073- 06- P



5 4 ~ 6 Horsepower

(12 Tooth Spline & Thru Hub Exhaust)

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

AMITA 3 Aluminum 3 blade Rubber Hub

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



5011- 078- 09

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

8 HP (2 & 4-Stroke) .....2005~Newer 9.8 HP (2 & 4-Stroke).....2005~Newer MFS8,9.8 (4-Stroke) NSF 8,9.8(4-Stroke)

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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

High Thrust Propeller

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



5011- 085- 08



5013- 087- 07

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

9.9 HP (2-Stroke).....1984~Newer
9.9 HP (4-Stroke) .....00~03
12 HP..... 85~88

15 HP (2-Stroke) ..... 1985~Newer
15 HP (4-Stroke) .....2000~Newer
MFS 9.9,15,18,20 (4-Stroke); MSFMFS 9.9,15,18,20

18 HP (2-Stroke) .....1985~Newer
18 HP (4-Stroke) .....01~08

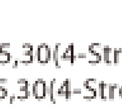
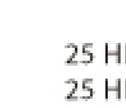
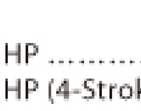
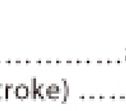
20 HP (4-Stroke) .....2007~Newer

AMITA 3 Aluminum 3 blade Rubber Hub

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

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

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
A	TATW		TAWS	TANT	Apin(1 1/8")
		N/A			

KITS part # : 17051501

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	5113-100-05
4	10	7	R	5113-100-07

5113- 100- 07

High Thrust Propeller

Excellent forward and reverse thru
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 HP .....86 ~ 01
25 HP (4-Stroke) ..... 02 ~

30 HP .....85 ~ 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

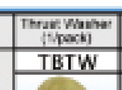
B	D	P	R	PART NO.
4	10.2	11	R	5213-102-11
4	10.1	12	R	5213-101-12
4	10	13	R	5213-100-13
4	10	14	R	5213-100-14
4	10	15	R	5213-100-15



5211- 099- 11



5213- 100- 13

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
B	TBTW		TAWS	TANT	Apin(1 1/8")
		N/A			

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 manufacture for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

SOLAS

STAINLESS STEEL | Tohatsu, Nissan

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

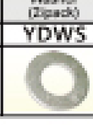
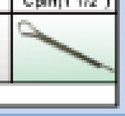
35 HP (35B only) Thru 1984 | 40 HP 1984 & Newer | MFS 40HP 2015~Newer | 50 HP (All except 50C) 1992 & Newer

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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

SATURN PROP Stainless steel 3 blade Rubber Hub

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

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
C	TCTW	TCSP	YDWS	TCNT	Cpin(1 1/2")
					

KITS part # : 17053501

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 TLDI .....02 ~ 09
75 HP TLDI .....10 ~
90 HP ..... 87 ~ 01
90 HP TLDI ..... 01 ~
115 HP .....92 ~ 01
115 HP TLDI ..... 04 ~
120 HP ..... 88 ~ 03
140 HP ..... 88 ~ 03

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

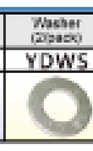
B	D	P	R	PART NO.
3	14	11	R	3431-140-11
3	13 3/4	13	R	3431-138-13
3	13 1/2	15	R	3431-135-15
3	13 1/4	17	R	3431-133-17
3	13	19	R	3431-130-19
3	13	21	R	3431-130-21

TITAN PROP Stainless steel 3 blade Rubber Hub

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

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

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
D	TDTW	YDSP	YDWS	TCNT	Cpin(1 1/2")
					

KITS part # : 17054501

Prop hardware for pressed in hub propeller.

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

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

BFT60 .....14 ~ | BFT75.....14 ~ | BFT90 .....14 ~ | BFW60 ..... 14~

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

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

Prop hardware for pressed in hub propeller.



6453-130-19

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

SOLAS

ALUMINUM

Tohatsu, Nissan

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

35 HP (35B only) Thru 1984 | 40 HP 1984 & Newer | MFS 40HP 2015~Newer | 50 HP (All except 50C) 1992 & Newer

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 3-C Plus Aluminum 3 blade 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
70C HP(Large Gearcase) ..... ~ 99
70 HP TLDI .....02 ~ 09
75 HP TLDI .....10 ~
90 HP ..... 87 ~ 01
90 HP TLDI ..... 01 ~
115 HP .....92 ~ 01
115 HP TLDI ..... 04 ~
120 HP ..... 88 ~ 03
140 HP ..... 88 ~ 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	13.5	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 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

AMITA 4 Aluminum 4 blade Rubber Hub

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



Prop hardware for pressed in hub propeller.

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

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

BFT60 .....14 ~ BFT75.....14 ~ BFT90 .....14 ~ BFW60 ..... 14~

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 3 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

AMITA 4 Aluminum 4 blade Rubber Hub

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



Prop hardware for pressed in hub propeller.

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

SOLAS

STAINLESS STEEL

Tohatsu, Nissan

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

BFT115 .....2014 & Newer
BFT150 .....2014 & Newer

BFT200 .....2014 & Newer
BFT225 .....2014 & 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 PROPELLER 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



LEXOR
1571-151-20

Scorpion Stainless steel 3 blade Rubber Hub

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



NEW SATURN
1531-140-21



HR TITAN3
1551-148-20



HR TITAN4
1553-140-21

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

Prop hardware for pressed in hub propeller.

*Check with engine manufacture 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)

BFT115 .....2014 & Newer
BFT150 .....2014 & Newer

BFT200 .....2014 & Newer
BFT225 .....2014 & 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


1511-143-21

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


1511-153-19

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


1513-140-21

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

Prop hardware for pressed in hub propeller.

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

SOLAS STAINLESS STEEL | Honda

Honda is a registered trademark of the Honda Motor Co.,Ltd.

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

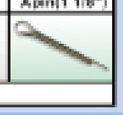
BF 8 HP ..... 00 ~
BF 9.9 HP ..... 88 ~
BF 15 HP..... 91 ~
BF 20 HP..... 03 ~

SATURN PROP Stainless steel 3 blade Rubber Hub

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



SATURN
3121-093-09

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
A	HATW		YAWS	YANT	Apin(1 1/8")
		N/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	NEW!
4	10	11	R	5253-100-11	NEW!
4	10	12	R	5253-100-12	NEW!



5253-100-11

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

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 manufacture for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

SOLAS

ALUMINUM | Honda

5 4/ 5/ 6 Horsepower (Pin Drive)

BF4/5/6 .....All Year

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
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 Series .....All 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 9.9 HP ..... 88 ~
BF 15 HP..... 91 ~
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



3111-093-10

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



3113-093-10

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



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

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

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



5211-099-11

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



5213-100-13

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

KITS part # : 17062501

Prop hardware for pressed in hub propeller.

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

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

SOLAS STAINLESS STEEL | Honda

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

BF 35 HP ..... 91 ~ 94
BF 40 HP ..... 95 ~
BF 45 HP ..... 91 ~ 94
BF 50/50A HP ..... 95 ~
BF 60 ..... 10 ~

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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



3331-110-15

SATURN PROP Stainless steel 3 blade Rubber Hub

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



3321-111-13

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
c	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

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



6431-133-17

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



6441-133-17

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



6453-130-19

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
D	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.

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

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

BF 35 HP ..... 91 ~ 94
BF 40 HP ..... 95 ~
BF 45 HP ..... 91 ~ 94
BF 50/50A HP ..... 95 ~
BF 60 ..... 10 ~

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

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
C	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.

AMITA 4 Aluminum 4 blade Rubber Hub

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


3313-105-14

D 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

AMITA 3 Aluminum 3 blade Rubber Hub

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


6411-133-17

AMITA 3 Aluminum 3 blade Rubber Hub

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


6411-132-19

AMITA 4 Aluminum 4 blade Rubber Hub

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


6413-128-17

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
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 Dseries propeller.

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

SOLAS

STAINLESS STEEL | Honda

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

BF 115 HP .....11 ~
BF 135 HP .....04 ~
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

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 PROPELLER 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



LEXOR
1571-151-20

Scorpion Stainless steel 3 blade Rubber Hub

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



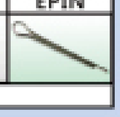
NEW SATURN
1531-140-21



HR TITAN3
1551-148-20



HR TITAN4
1553-140-21

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
	HETW	HESP		YENT	EPIN
E			N/A		
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 manufacture 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 HP .....11 ~
BF 135 HP .....04 ~
150 HP ..... 04 ~
200 HP ..... 02 ~
225 HP ..... 02 ~
250 HP.....12 ~

AMITA 3 Aluminum 3 blade Rubber Hub

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


1511-143-21

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


1511-153-19

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


1513-140-21

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	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 manufacture for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

Volvo Penta is a registered trademark of Volvo Penta Marine Products L.P.

Volvo Penta Aquamatic SP Stern Drive

E Aquamatic (Long Hub) 17 Tooth Spline

AQ 280
AQ 290

SATURN PROP Stainless steel 4 blade Rubber Hub

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



8823-155-19

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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



8831-150-19

TITAN PROP Stainless steel 3 blade Rubber Hub

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

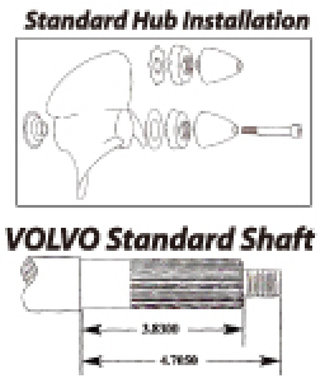


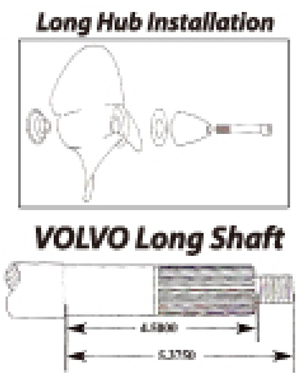
8841-156-21

OMC, Volvo Penta SX Drive

E SX Drive (19 Tooth Spline)

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





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

Prop hardware for pressed in hub propeller.

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 manufacture for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

SOLAS

ALUMINUM

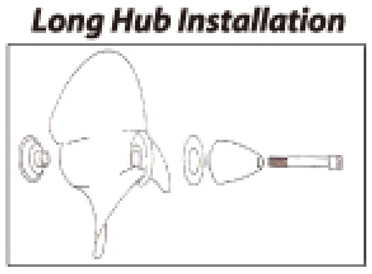
Volvo Penta

Volvo Penta Aquamatic SP Stern Drive

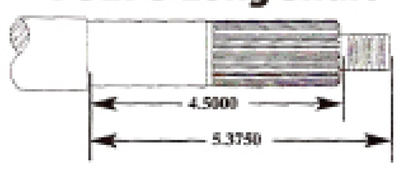
E Aquamatic (Long Hub) 17 Tooth Spline

AQ 280
AQ 290

Long Hub Installation



VOLVO Long Shaft



AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

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

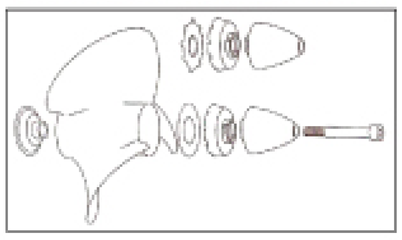
AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	8813-148-15
4	14.75	15	L	8814-148-15
4	14.5	17	R	8813-145-17
4	14.5	17	L	8814-145-17
4	14.25	19	R	8813-143-19
4	14.25	19	L	8814-143-19
4	14	21	R	8813-140-21
4	14	21	L	8814-140-21
4	14	23	R	8813-140-23

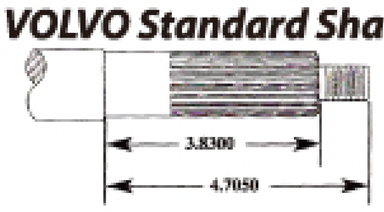
8811-153-19



Standard Hub Installation



VOLVO Standard Shaft



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

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

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

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



8712-153-19

OMC, Volvo Penta SX Drive

E SX Drive (19 Tooth Spline)

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

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

Prop hardware for pressed in hub propeller.

AMITA 3 Aluminum 3 blade Rubber Hub

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

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

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

AMITA 4 Aluminum 4 blade Rubber Hub

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



8611-143-21



8611-153-19



8613-140-21

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

SOLAS

Volvo Penta

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

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



Front propeller



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

Stainless steel 3 blade Rubber Hub

Rear propeller

B	D	P		PART NO.
3	13.5	15	Rear	8531-135-15
3	13.3	17	Rear	8531-133-17
3	13	19	Rear	8531-130-19
3	13	21	Rear	8531-130-21



Front propeller



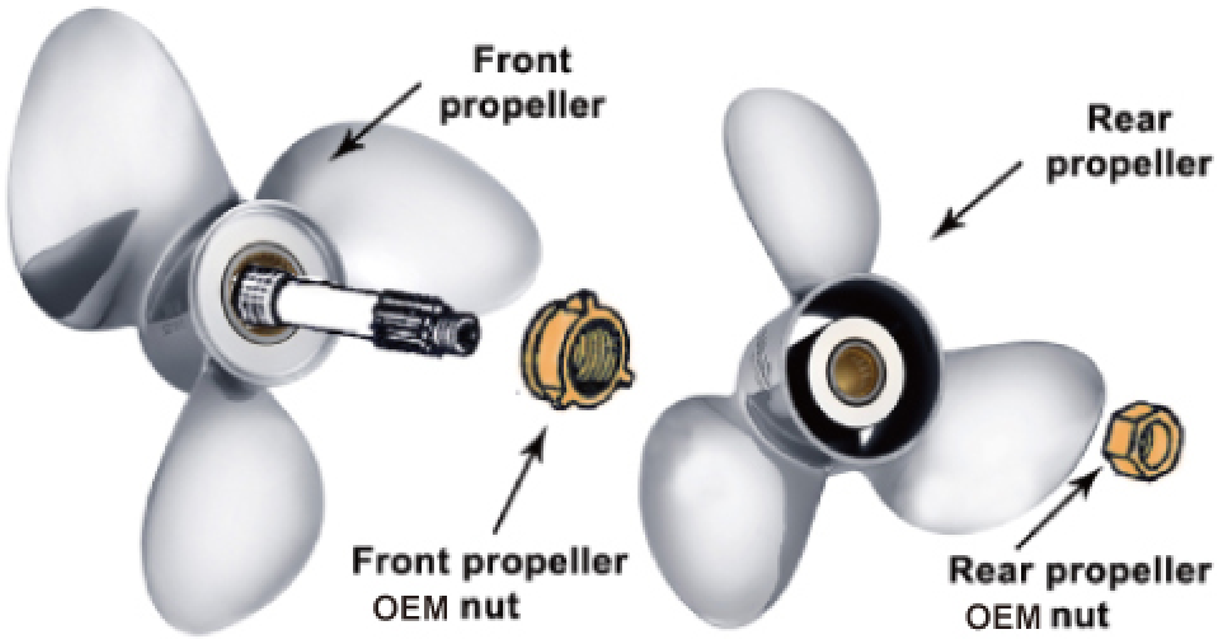
Rear propeller

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

Prop hardware for pressed in hub propeller.

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

Volvo Penta Dual Props



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



Aluminum Props



Stainless Steel Props

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

Application Chart		
Volvo Part#	Front propellers	Rear propellers
A3	8512-155-17	8513-138-17
A4	8512-155-17	8513-138-19
A5	8512-153-19	8513-138-19
A6	8512-153-19	8513-138-21
A7	8512-153-21	8513-138-21
B3	8512-155-17	8513-138-17
B4	8512-153-19	8513-138-19
B5	8512-153-19	8513-138-21
B6	8512-153-21	8513-138-21
C2	8532-150-15	8531-135-15
C3	8532-150-17	8531-130-19
C4	8532-150-19	8531-130-19
C5	8532-150-19	8531-130-21
C6	8532-150-21	8531-130-21

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

SOLAS
STAINLESS STEEL | Parsun

Parsun is a registered trademark of the Parsun Power Machine Co.,Ltd.

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

F9.9/15 T9.9/15

SATURN PROP Stainless steel 3 blade Rubber Hub

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



3121-093-09

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

F20/25 T20/25/30

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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



3231-101-13

SATURN PROP Stainless steel 3 blade Rubber Hub

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



3221-100-10

NEW SATURN PROP Stainless steel blade Rubber Hub

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

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

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



3253-100-11

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

SOLAS STAINLESS STEEL | Parsun

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

T35/40

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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



3331-110-15

SATURN PROP Stainless steel 3 blade Rubber Hub

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



3321-111-13

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

T75/85/90

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

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



3431-133-17

TITAN PROP Stainless steel 3 blade Rubber Hub

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



3441-133-17

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

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



3453-130-17

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

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

T35/40

AMITA 3 Aluminum 3 blade Rubber Hub

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



3311-110-15

AMITA 3-C 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

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

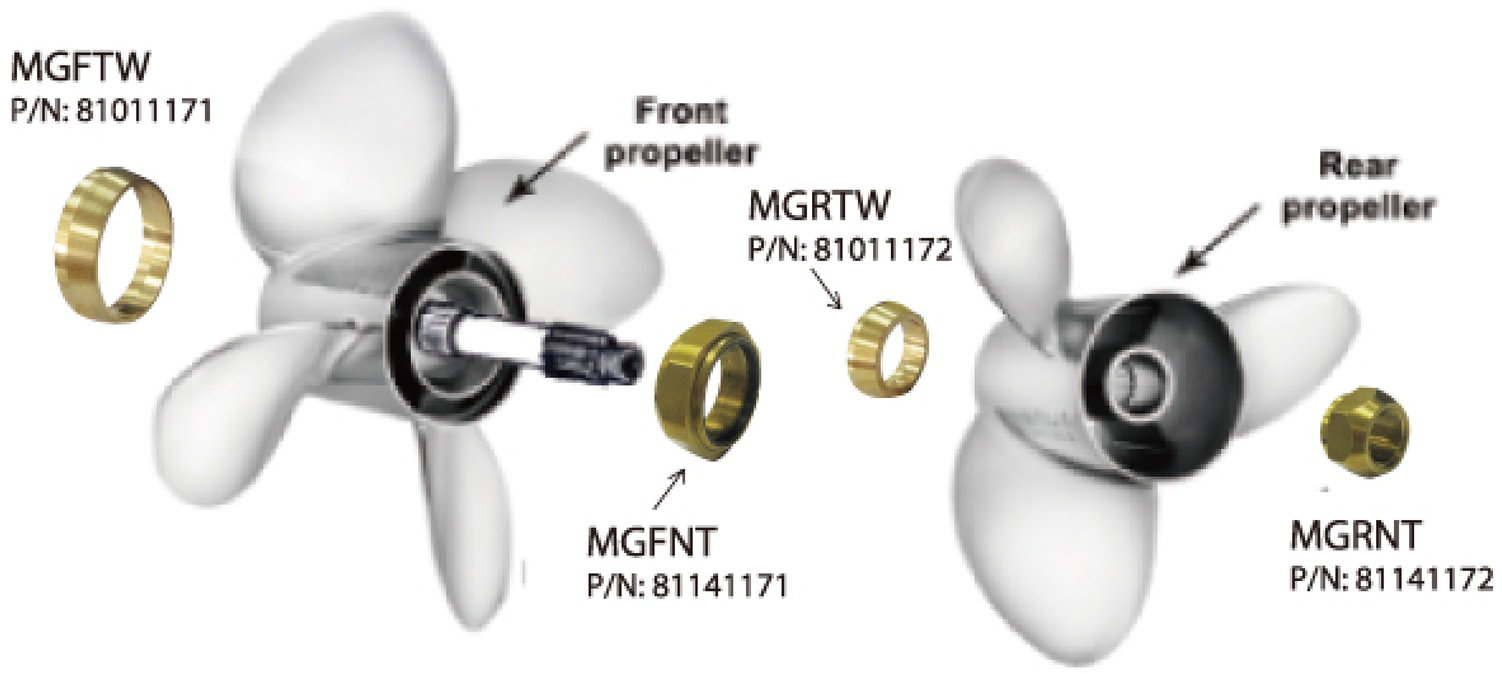
CATEGORY	MODEL	PROPELLER SIZE	PARSUN PART NO	YAMAHA PART NO	TOHATSU PART NO	SOLAS
2.5 ~ 5	F2.6	3 - 7 1/2"x7"	F4-03070000	6E0-45943-01-EL		3011-075-07S
		3 - 7 1/4"x6"	F2.6-03010000	6L5-45943-00-EL		3011-073-05S
	F4/5	3 - 7 1/2"x7"	F4-03070000	6E0-45943-01-EL		3011-075-07S
		3 - 7 1/4"x6"	F2.6-03010000	6L5-45943-00-EL		3011-073-05S
	T2.5/3.6	3 - 7 1/2"x7"	F4-03070000	6E0-45943-01-EL		3011-075-07S
		3 - 7 1/4"x6"	F2.6-03010000	6L5-45943-00-EL		3011-073-05S
8	T4/5/5.8	3 - 7.8"x8.0"	T5-03030000		3R1W64516-0	5011-078-09
	T6/8/9.8	3 - 8.9"x8.3"	F8-04050000		3B2B64517-1	5011-085-08
	F6/8/9.8	3 - 8.9"x8.3"	F8-04050000		3B2B64517-1	3011-085-08
A	F9.9/15 T9.9/15	3 - 9 1/4"x11"	F15-06090000-11	63V-45943-00-EL		3111-093-11
		3 - 9 1/4"x8"	F15-06090000-8	63V-45947-00-EL		3111-093-08
B	F20/25	3 - 9 7/8"x11 1/4"	F25-0408000	664-45947-01-EL		3211-099-11
	T20/25/30	3 - 9 7/8"x11 1/4"	F25-0408000	664-45947-01-EL		3211-099-11
C	T35/40	3 -11 1/8"x13"	T40-04070000	663-45945-02-EL		3311-111-13
D	T75/85/90	3 -13 1/4"x17"	T85-04020000-17	6E5-45945-01-EL		3411-133-17
		3 -13 5/8"x13"	T85-04020000-13	6E5-45949-00-EL		3411-138-13

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YANMAR ZT350 and ZT370 Stern Drive

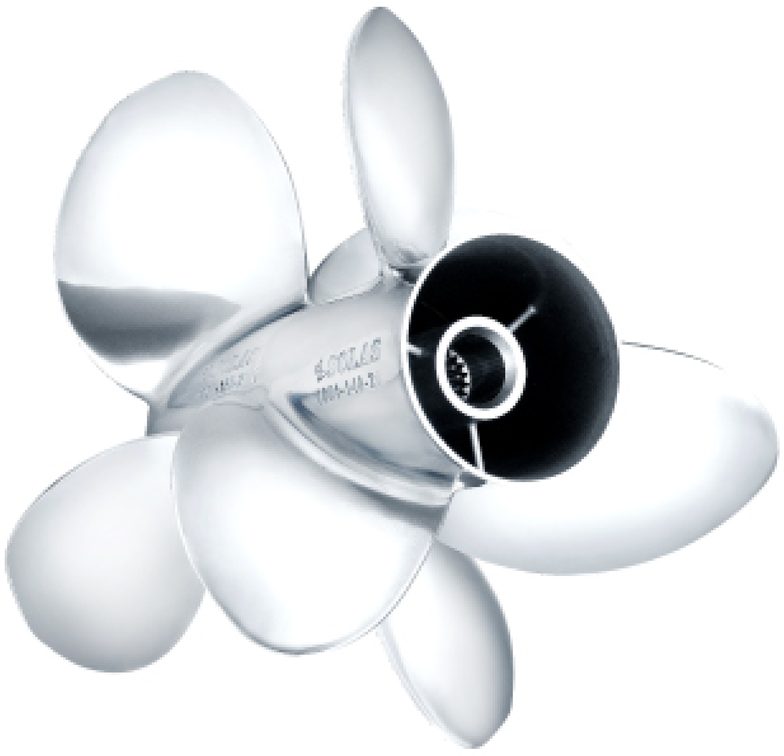
B3 Stainless steel 3/4 blade Rubber Hub

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



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

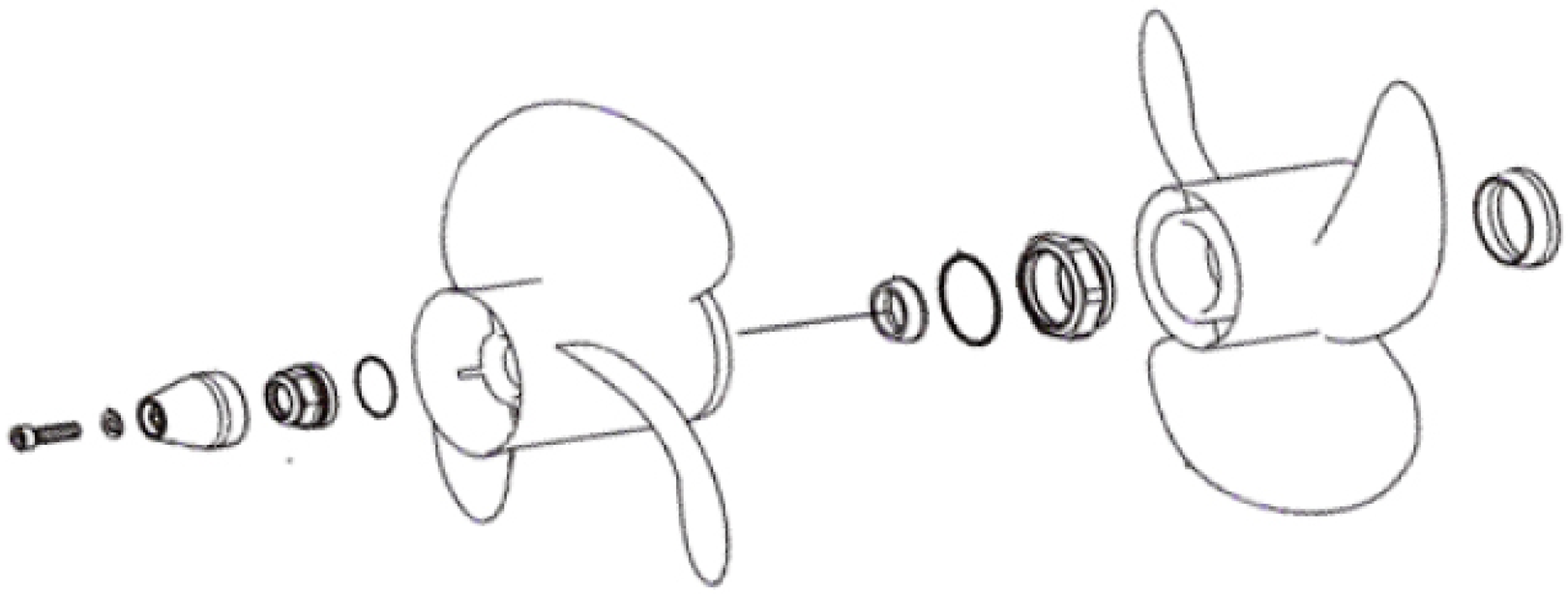
SOLAS B3
Dual Props





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

YANMAR ZT350 and ZT370 Stern Drive

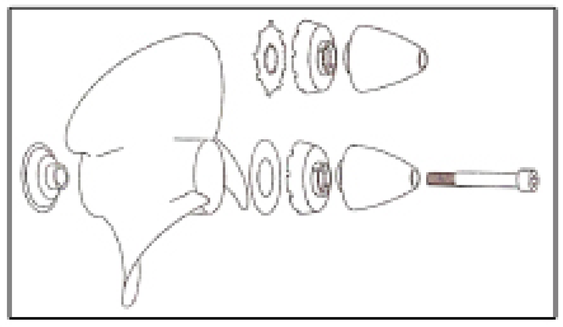


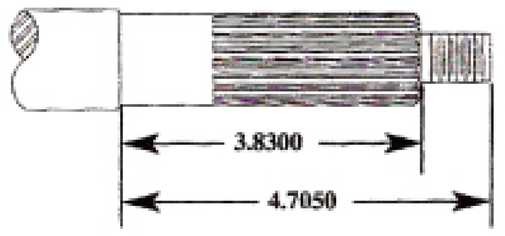
Props may require special tools to install. Please consult OEM manual for proper installation and for torque specs. Use Yanmar Propeller hardware only.

• APPLICATIOPN 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


8712-145-19

AMITA 3 Aluminum 3 blade -E Plus Rubber Hub

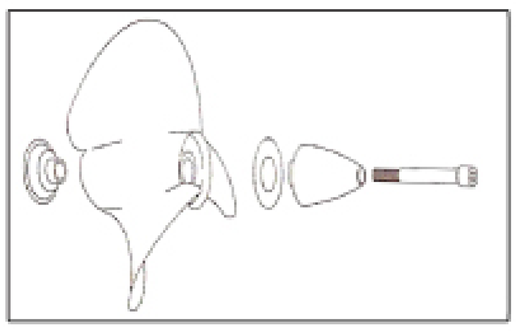
B	D	P	R	PART NO.
3	15.8	15	L	8812-158-15
3	15.5	17	L	8812-155-17
3	15.3	19	L	8812-153-19
3	15.3	21	L	8812-153-21

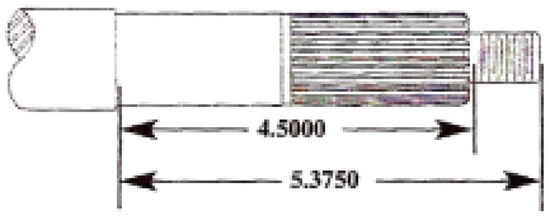

8812-153-19

AMITA 4 Aluminum 4 blade Rubber Hub

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


8814-143-19





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

Prop hardware for pressed in hub propeller.

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

PRO SERIES



PRO L3

PRO L4

High Precision Blade
for
High Performance



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