

# 2017 PROPELLER CATALOG

 **SOLAS**<sup>®</sup>

*Where Speed Begins*

[www.solas.com](http://www.solas.com)



**RUBEX**<sup>™</sup>

[www.rubexprops.com](http://www.rubexprops.com)

Outboard / Stern Drive  
Aluminum / Stainless Steel  
**Interchangeable Hub System**



Outboard / Stern Drive  
Aluminum / Stainless Steel  
**Fixed Hub System**

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

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

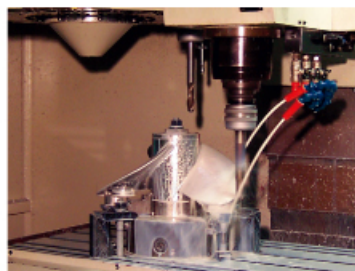
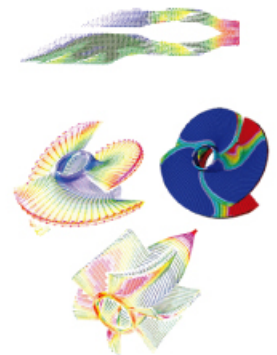
Located in Taiwan, SOLAS combines world class research and design, highly skilled workers, cost-effective material sourcing, and a technologically advanced manufacturing facility to deliver the highest quality of products to its customers.



## Research and Development

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

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



## Controlling Every Aspect of Quality

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

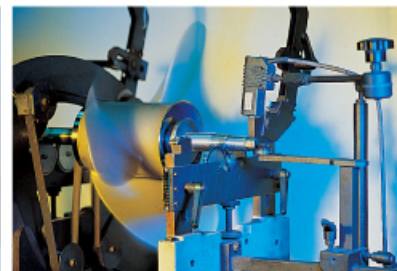
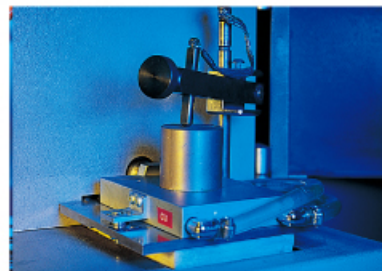
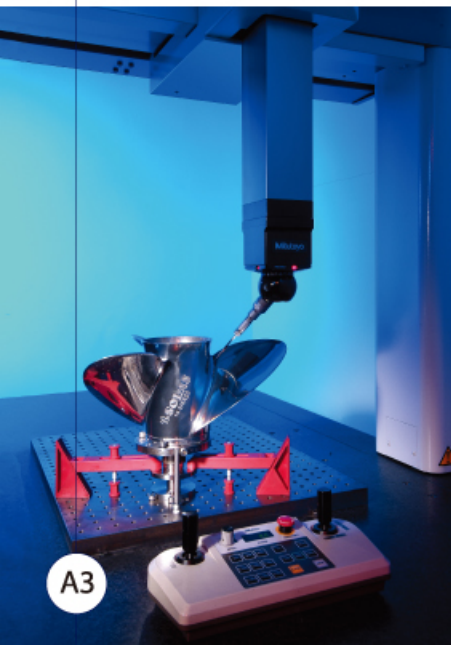


We are honored to have BSI (British Standards Institution) ISO 9001 certificate and the Symbol of Excellent Products from Taiwan Government. Total satisfaction of our customers is always our first priority.



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

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



## Propeller Basics :

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

### 1. 3 or 4 Blades ?

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

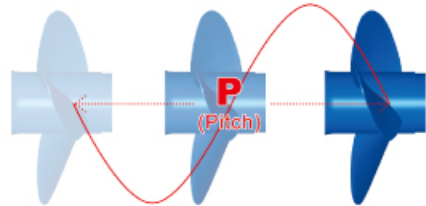
### 2. Diameter :

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



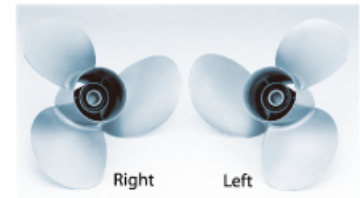
### 3. Pitch :

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



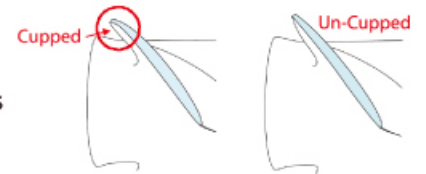
### 4. Right hand or Left hand Rotation?

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



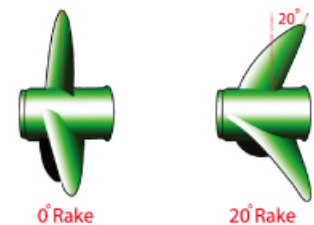
### 5. Cupped Blades:

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



### 6. Rake :

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



## Original Equipment Considerations :

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

## Performance Considerations :

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

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

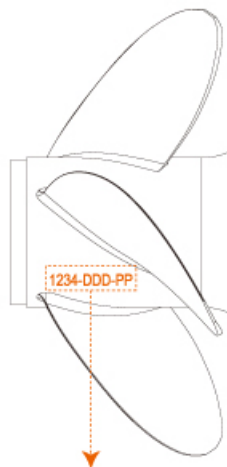
SOLAS PROPELLER	PROPELLER APPLICATION																				FEATURES								
	OUTBOARD										STERNDRIVE										Material	Blades	Rotation Available	Hub Type					
	Inflatable	Aluminum	Ski Boat	Bass Boat	Flats Boat	Bay Boat	Walleye Boat	Offshore Single	Offshore Dual	Sport Boat Single	Sport Boat Dual	Heavy Work Boat	Commercial	Sail Drive	Pleasure Runabout	Deck Boat	Pontoon	Ski Boat	Sport Boat Single	Sport Boat Dual					Family Cruiser	Cruiser Boats	Deck Boat	Pontoon	Houseboat
<b>Amita3</b>	●	●	●	●	●		●	●	●		●	●		●	●	●				●					●	AL	3	R.L	R
<b>Amita4</b>	●		●				●	●			●			●	●	●				●					●	AL	4	R.L	R
<b>Bravo Two</b>																					●					AL/SS	3	R.L	R
<b>Saturn</b>	●	●									●			●	●										●	SS	3	R.L	R
<b>New Saturn</b>	●	●									●			●	●										●	SS	3	R.L	R
<b>Titan</b>	●	●	●				●	●			●			●	●					●					●	SS	3	R.L	R
<b>HR Titan3</b>		●					●	●												●					●	SS	3	R.L	R
<b>HR Titan4</b>			●	●		●	●	●		●	●			●	●				●	●	●		●	●	●	SS	4	R.L	R
<b>Scorpion</b>			●																						●	SS	3	R.L	R
<b>Lexor</b>				●		●	●	●	●										●	●	●		●	●	●	SS	3	R.L	R
<b>Solas Ski</b>																									●	SS	3.4	R	N/A
<b>Solas Plastic</b>	●																									PL	3	R	N/A
<b>High Thrust</b>												●														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

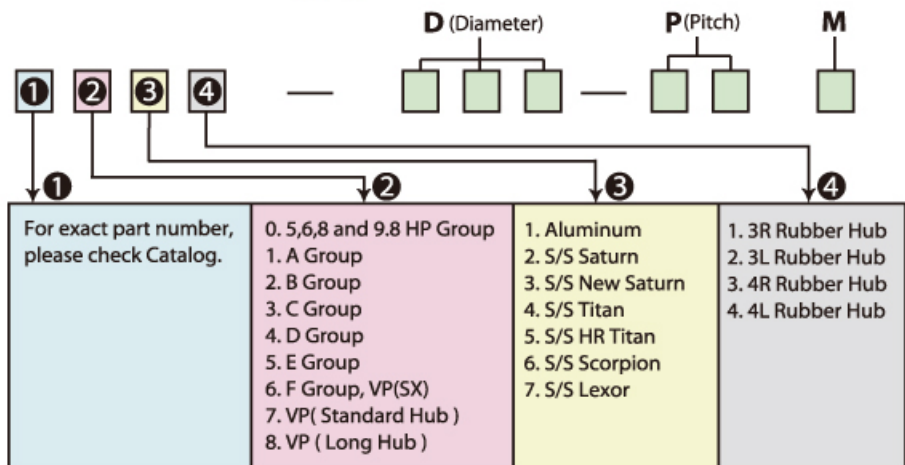
## Still can't choose the right propeller for your boat ?

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

## SOLAS Part No. Coding System



SOLAS Propeller Part No. on propeller.



**D (Diameter)**  
 i.e. 13 1/4 → 133, 13.75 → 138

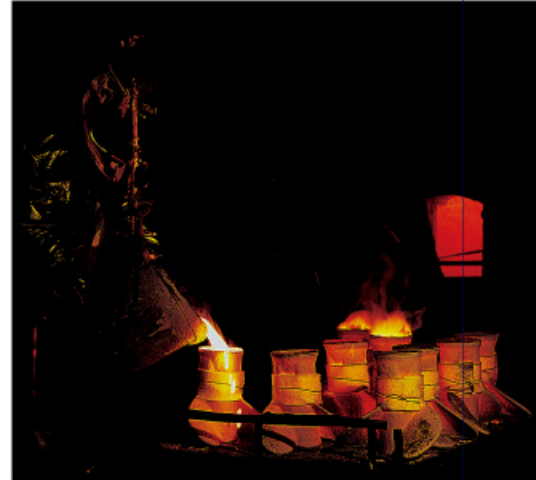
**P (Pitch)**  
 i.e. 17" → 17, 13" → 13

**M** : P .....Pin Drive Propeller ; S ..... Spline Drive Propeller  
 : 1,2,5 .....Different Propeller Hub Fitting Spec.

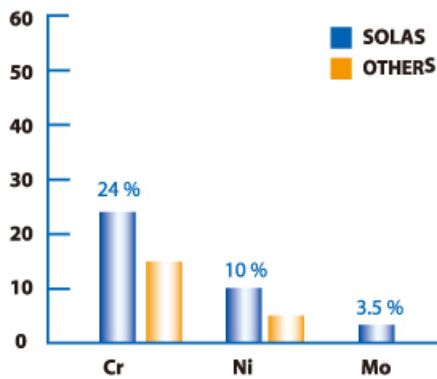
**Smooth, Durable, High Precision → Overall Performance**

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

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



**Unparalleled Durability**



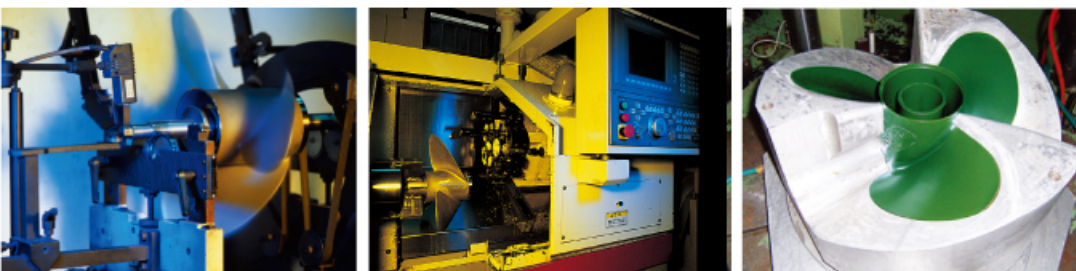
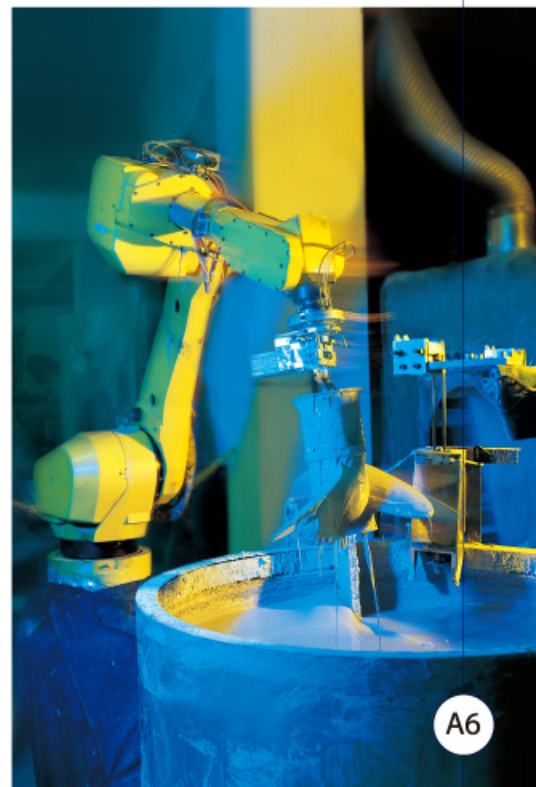
SOLAS Stainless Steel Propellers - Feature the industry's highest percentage of chromium, nickel, and molybdenum. Our material resists rust from salt water and increases the stability of the propeller blades.



SOLAS Stainless Steel propellers are made by investment casting process.

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

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



**Stainless Steel High Performance Propellers**



**LEXOR** Stainless steel 3 blade Rubber Hub

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



**LEXOR** 4 Stainless steel 4 blade Rubber Hub

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



**LEXOR** PLUS Stainless steel 3 blade Rubber Hub

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



**B3** for **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



**Stainless Steel High Performance Propellers**



**HR TITAN 3 PROP** Stainless steel 3 blade Rubber Hub

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



**HR TITAN 4 PROP** Stainless steel 4 blade Rubber Hub

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



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

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



**TITAN PROP** Stainless steel 3 blade Rubber Hub

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



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

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



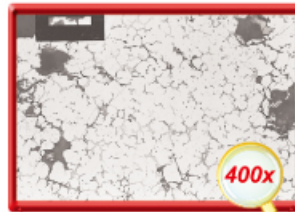
**SATURN PROP** Stainless steel 3 blade Rubber Hub

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

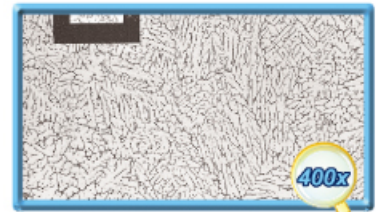
## Reliability and Precision

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

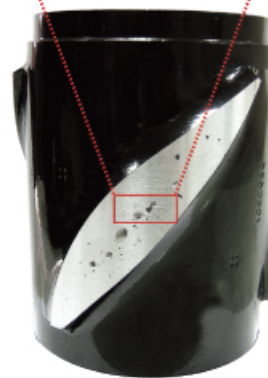
As shown below, with 400x magnification of a propeller blade root cross-section, the squeeze cast propeller is almost non-porous, with finer grain size than the die cast propeller.



Standard Die Cast



SOLAS Squeeze Cast



Cutting-face  
Other brand's prop



Cutting-face  
SOLAS Prop

## About SOLAS Coating



Cutting-face  
Other brand's coating



1. Al. protected coating
2. primary coating
3. 1<sup>st</sup> Coat Baked Surface Paint
4. 2<sup>nd</sup> Coat Baked Surface Paint

Cutting-face  
SOLAS Prop



Salt Water Spray Testing

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

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

Aluminum High Performance Propellers



*AMITA 3* Aluminum 3 blade Rubber Hub

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



*AMITA 4* Aluminum 4 blade Rubber Hub

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



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

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

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



High Thrust Propeller

- Aluminum 4 blade / Rubber hub**
- \* Exclusive squeeze cast process
  - \* Stronger blades with better performance
  - \* Excellent forward and reverse thrust
  - \* Ideal for kicker engines with heavy loads

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



**Aluminum Bravo Two**

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

**Aluminum 3 blade / Rubber hub**

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



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

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

## High Performance

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



SOLAS Ski Propeller Part No.

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

Michigan Wheel - SOLAS Ski Prop Cross Reference

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

SKI PROPELLERS



## Plastic Propeller ( 2.5 ~ 3.5HP )

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

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

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



## Rubber Hub

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

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



Group	Engine Brand	Part 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
F	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



● **MERCURY Installation :**



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

Brand	Series	Thrust Washer		Spacer		Washer SST		Nut		Cotter Pin	
		Parts	Part#	Parts	Part#	Parts	Part#	Parts	Part#	Parts	Part#
MERCURY	A	MATW	8101111	MASP	8105111			MANT	8114111		
	B	MBTW	8101112			MBWS	8108112	MBNT	8114112		
	C	MCTW	8101113			MCWS	8108113	MCNT	8114113		
	D	MDTW	8101114			MEWS	8108114	MDNT	8114114		
	D-1	METW	81013150			MEWS	8108114	MDNT	8114114		
	E	METW	81013150	MESP	81051150	MEWS	8108114	MDNT	8114114		
BRAVO III	G	MGFTW	81011171					MGFNT	81141171		
		MGRTW	81011172					MGRNT	81141172		
BRP JOHNSON ENVINRUD E	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			TAWS	8104151	TANT	8114151	APIN	85100000
	C	HCTW	8101163	YCSP	8105133	YDWS	81061140	YCNT	8114133	CPIN	85100001
	D	HDTW	8101164			YDWS	81061140	YENT	8114135	EPIN	85100003
	E	HETW	8101165	HESP	8105165			YENT	8114135	EPIN	85100003

### MERCURY

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 6-15 HP			N/A			17011501
	MATW	MASP		MANT		
B 9.9-25 HP		Installed on Prop				17012501
	MBTW		MBWS	MBNT		
C 25-70 HP		Installed on Prop				17013501
	MCTW		MCWS	MCNT		
D 40-140 HP		Installed on Prop				17014501
	MDTW		MEWS	MDNT		
D-1 40-140 HP		Installed on Prop			Refer to Page P6	17014501A
	81013150 METW		MEWS	MDNT		
E 90- HP						17015501
	81013150 METW	MESP	MEWS	MDNT		
B3 BRAVO III	Front Thrust Washer	Rear Thrust Washer	Front Nut	Rear Nut		17017501
	MGFTW	MGRTW	MGFNT	MGRNT		

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

### BRP/ JOHNSON/EVINRUDE

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

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

### YAMAHA

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

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

### SUZUKI

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 8-15 HP						17041501
	SATW	SASP	SAWS	SANT	APIN	
A DF 15A DF 20A 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).

### TOHATSU/ NISSAN

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

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

### HONDA

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 8-20 HP		N/A				17061501
	HATW		YAWS	YANT	APIN	
B 25-30 HP		N/A				17062501
	HBTW		TAWS	TANT	APIN	
C 35-60 HP						17063501
	HCTW	YCSP	YDWS	YCNT	CPIN	
D 75-130 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).

\* New Parts Included

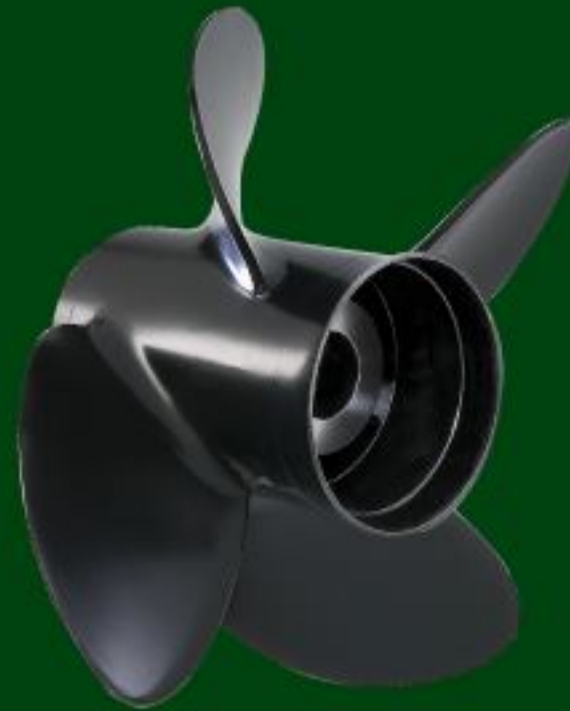
# RUBEX™ ALUMINUM

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 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



## PRO L3

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

## SAV

SOLAS ADJUSTABLE VENT



## PRO L4

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

## PRO SERIES

STAINLESS STEEL



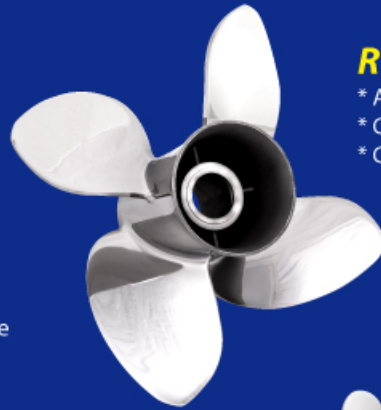
# RUBEX™ STAINLESS STEEL

Interchangeable Hub Propellers



## RUBEX NS3

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



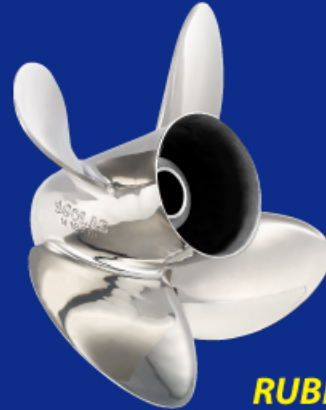
## RUBEX C4

- \* 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 design
- \* Great stern lift & acceleration
- \* Excellent top speed & very smooth performance



## RUBEX L3 Plus

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

# RUBEX™ ALUMINUM

## Interchangeable Hub Propellers

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

Aluminum 3 blade <b>RUBEX 3</b> 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

Aluminum 3 blade <b>RUBEX 3</b> RBX Rubber Hub				
B	D	P	R	PART NO.
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

### D 40 ~ 140 HP Gearcase 4 -1/4"

Aluminum 3 blade <b>High Thrust</b> <b>RUBEX 3</b> RBX Rubber Hub <span style="color: red;">NEW!</span>				
B	D	P	R	PART NO.
3	14.1	11	R	9411-141-11



For heavy & pontoon boats

Excellent Forward  
and  
Reverse Thrust

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

Aluminum 3 blade <b>RUBEX 3</b> 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 <b>RUBEX 3 Plus</b> 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 <b>RUBEX 4</b> 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

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

Aluminum 3 blade <b>RUBEX 3</b> 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 4 blade <b>RUBEX 4</b> 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 <b>iPOP</b> RBX Rubber Hub				
B	D	P	R	PART NO.
3	14.8	18	R	9501-148-18
3	14.5	20	R	9501-145-20
3	14.3	22	R	9501-143-22

Aluminum 3 blade <b>RUBEX 3 Plus</b> 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

# RUBEX™ STAINLESS STEEL

## Interchangeable Hub Propellers

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

Stainless steel 3 blade <b>RUBEX NS3</b> 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 <b>RUBEX C4</b> 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

#### Ⓢ 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**

**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



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

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

**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 1/2	17	R	9571-155-17
3	15 1/2	17	L	9572-155-17
3	15 1/4	19	R	9571-153-19
3	15 1/4	19	L	9572-153-19
3	15	21	R	9571-150-21
3	15	21	L	9572-150-21
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 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

**Stainless steel 3 blade (SAV)System**  
**PROL3** RBX Rubber Hub **NEW!**

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 3 blade**  
**RUBEX HR3** RBX Rubber Hub

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

**Stainless steel 4 blade**  
**RUBEX 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 4 blade (SAV)System**  
**PROL4** RBX Rubber Hub **NEW!**

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

**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 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

\*: coming soon



# 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
<b>Evinrude/Johnson/BRP</b>			
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
<b>Suzuki</b>			
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
<b>Volvo</b>			
SX Sterndrives 1994 & Newer; 19 tooth spline 4-3/4" Gearcase	RBX-105	17075300	E

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

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

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RBX Box



<b>Yamaha</b>	<b>Hub Kit #</b>	<b>Hub #</b>	<b>Prop Category</b>
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	<b>RBX-117</b>	17013300	C
T50 1996 & Newer, T60 2003 & Newer, 60 HP (not F60) 1992-05, 70-100 HP 1984 & Newer; 15 tooth spline 4-1/4" Gearcase	<b>RBX-108*</b>	17015300	D
Same application as RBX-108 with Improved Shift Dampening and Vibration Reduction - Yamaha SDS Application	<b>RBX-208</b>	17015302	D
80-140 HP 1977-83; 15 tooth spline 4-1/4" Gearcase	<b>RBX-102</b>	17015300	D
115 HP & 130 HP 1984 & Newer, F115 (4-Stroke) 2000 & Newer; 15 tooth spline 4-1/4" Gearcase	<b>RBX-103*</b>	17015300	D
Same application as RBX-103 with Improved Shift Dampening and Vibration Reduction - Yamaha SDS Application	<b>RBX-203</b>	17015302	D
Same application as RBX-103 with Improved Shift Dampening and Vibration Reduction - Yamaha SDS Application (Rubber & Bronze Hub)	<b>RBX-203B</b>	17015301	D
150-175 HP 1978-83; 15 tooth spline 4-3/4" Gearcase	<b>RBX-102</b>	17015300	E
150-250 HP 1984 & Newer, 15 tooth spline; 300 HP (4-stroke V6 Engine) 2004-2007 & 2010 & Newer; Sterndrives 1989-1993, 15 tooth spline	<b>RBX-103*</b>	17015300	E
Same application as RBX-103 with Improved Shift Dampening and Vibration Reduction - Yamaha SDS Application	<b>RBX-203</b>	17015302	E
Same application as RBX-103 with Improved Shift Dampening and Vibration Reduction - Yamaha SDS Application (Rubber & Bronze Hub)	<b>RBX-203B</b>	17015301	E
300 HP (4-stroke V8 Engine) , 350 HP (4-stroke V8 Engine); 17 tooth spline 5-1/4" Gearcase (Rubber & Bronze Hub)	<b>RBX-127</b>	17039300	E+
<b>Nissan/Tohatsu</b>			
35 HP (35B only) Thru 1984, 40 HP 1984 & Newer, 50 HP (All except 50C) 1992 & Newer; 13 tooth spline 3-1/4" Gearcase	<b>RBX-116</b>	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	<b>RBX-112</b>	17013300	C
60-140 HP (except 60A, 70A, & 70B) 1987 & Newer; 15 tooth spline 4-1/4" Gearcase	<b>RBX-109</b>	17015300	D
<b>Honda</b>			
BF 35 & BF 45 1991-94, BF 40, 50, & 50A 1995 & Newer, BF 60 2010 & Newer; 13 Tooth Spline 3-1/4" Gearcase	<b>RBX-113</b>	17013300	C
BFP 60 2010 & Newer, BF 75 & BF 90 1995 & Newer, BF 115 1998-10, BF 130 1998-04; 15 Tooth Spline 4-1/4" Gearcase	<b>RBX-107</b>	17015300	D
BF 75-90 1995-98; 15 tooth spline 4-1/4" Gearcase	<b>RBX-102</b>	17015300	D
BF 115D 2011 & Newer, BF 135-250 2002 & Newer; 15 Tooth Spline 4-3/4" Gearcase	<b>RBX-107</b>	17015300	E
Application same as the RBX-107 (Rubber & Bronze Hub)	<b>RBX-107B</b>	17015301	E
<b>OMC/Cobra Sterndrives</b>			
Model 400 Cobra 1978-91; 13 tooth spline 4-1/4" Gearcase	<b>RBX-106</b>	17024300	D
Model 800/Cobra/King Cobra 1978-90; 15 tooth spline 4-3/4" Gearcase	<b>RBX-101</b>	17025300	E
Model 800/Cobra/King Cobra 1991-94; 15 tooth spline 4-3/4" Gearcase	<b>RBX-100</b>	17025300	E
Cobra SX 1994 & Newer; 19 tooth spline 4-3/4" Gearcase	<b>RBX-105</b>	17075300	E
<b>Force</b>			
40 & 50 HP 1995-98, 70 HP 1991-95, 75 HP 1996-98; 13 tooth spline 3-1/4" Gearcase	<b>RBX-114</b>	17013300	C
75-150 HP (Thru Hub Exhaust) 1995-99, 85-150 HP (Dual Exhaust) 1988-94; 15 Tooth Spline 4-3/4" Gearcase	<b>RBX-102</b>	17015300	D

**\*The RBX-103 & RBX-108 have been superseded by the Improved RBX-203 & RBX-208**

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

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

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

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

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

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



**SATURN**  
General Purpose Propeller

1121-093-09

**Prop hardware for pressed in hub propeller.**

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

KITS part # : 17011501

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

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

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

**SATURN** Stainless steel 3 blade  
**PROP** Rubber Hub

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



5121-093-09

**Prop hardware for pressed in hub propeller.**

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

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



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

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



**5 4 ~ 6 Horsepower (12 Tooth Spline)**

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



**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

For heavy boat ; high thrust

**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: 1798011



5011-085-08



5013-087-07

**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

\* For heavy boat ; high thrust

**AMITA 3 Aluminum 3 blade Rubber Hub**

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

**AMITA 4 Aluminum 4 blade Rubber Hub**

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

**AMITA 4 Aluminum 4 blade Rubber Hub**

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



1113-100-07



1111-093-10

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

KITS part # : 17011501

Prop hardware for pressed in hub propeller.

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

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

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

\* For heavy boat ; high thrust

**AMITA 3 Aluminum 3 blade Rubber Hub**

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

**AMITA 4 Aluminum 4 blade Rubber Hub**

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

**AMITA 4 Aluminum 4 blade Rubber Hub**

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

Prop hardware for pressed in hub propeller.

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

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

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

20 HP (2-Stroke Mercury) ... 86 ~ 02  
25 HP (Mariner 2-Stroke) ..... 85 ~

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

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

**NEW SATURN PROP** Stainless steel 3 blade Rubber Hub (10 Tooth Spline)

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

**Prop hardware for pressed in hub propeller.**

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

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



3231-101-13

**Prop hardware for pressed in hub propeller.**

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

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

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

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

**SATURN PROP** Stainless steel 3 blade Rubber Hub

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



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 (1/1pack)	Spacer (1/1pack)	Washer (2/2pack)	Nut (1/1pack)	Cotter Pin (4/4pack)
B	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TBNT	Apint( 1/8")

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



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

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

20 HP (2-Stroke Mercury) ... 86 ~ 02  
25 HP (Mariner 2-Stroke) ..... 85 ~

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

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

**AMITA 3 Aluminum 3 blade Rubber Hub**

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



1211-103-12

**AMITA 4 Aluminum 4 blade Rubber Hub**

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



1213-100-13

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

KITS part #: 17012501

Prop hardware for pressed in hub propeller.

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

**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: 1798112



Spline Drive

Rubber Hub: POA-RB  
P/N: 1798111



3211-099-12



3213-100-13

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

Prop hardware for pressed in hub propeller.

\* 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

**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

**AMITA 4 Aluminum 4 blade Rubber Hub**

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



5211-099-11



5013-100-13

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

Prop hardware for pressed in hub propeller.

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

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

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

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

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

**SATURN PROP** Stainless steel 3 blade Rubber Hub

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

**Prop hardware for pressed in hub propeller.**

	Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)
	MCTW		MCWS	MCNT
c		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 (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TCNT	Cpin(1 1/2")
c					

\* 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) ..... All Years	75 HP (2 & 4-Stroke) ..... 84 ~	100 HP ..... 88 ~ 99
40 HP (Command Thrust) ..... 2014 ~	75 HP (Sea Pro/Marathon) ... All Years	115 HP (2 & 4-Stroke) ..... 78 ~
50 HP (Command Thrust) ..... 2014 ~	80 HP ..... 78 ~ 89	115 HP (Yamaha) ..... 78 ~ 83
50 HP Bigfoot (4-Stroke) ..... All Years	80 HP (Mariner) ..... 78 ~ 83	125 HP ..... 94 ~ 05
60 HP Bigfoot (4-Stroke) ..... 95 ~	80 HP (Yamaha) ..... 77 - 83	140 HP (Includes Sea Pro/Offshore) .. 78 ~ 81
60 HP (Command Thrust) ..... 2014 ~	80 HP (Model 800, 2 & 4 Cyl.) ..... ~ 77	140 HP (Yamaha) ..... 78 ~ 79
60 HP (Sea Pro/Marathon) ..... 95 ~	85 HP (Model 850, 2 & 4 Cyl.) ..... ~ 77	Models 900 ~ 1500 ..... ~ 77
65 HP (Model 650 - 4 Cyl.) ..... 61 ~ 70	90 HP (2 & 4-Stroke) ..... 78 ~	(FORCE) 75 HP ... 1999 ~ & 90, 120, 150 HP ... 1995 ~
65 HP (Model 650 - 2 Cyl.) ..... ~ 71	90 HP (Yamaha) ..... 78 ~ 83	
70 HP ..... 87 ~ 89		

**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.**

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

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

**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 (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)
	MCTW		MCWS	MCNT
<b>C</b>		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) ..... All Years	75 HP (2 & 4-Stroke) ..... 84 ~	100 HP ..... 88 ~ 99
40 HP (Command Thrust) ..... 2014 ~	75 HP (Sea Pro/Marathon) ... All Years	115 HP (2 & 4-Stroke) ..... 78 ~
50 HP (Command Thrust) ..... 2014 ~	80 HP ..... 78 ~ 89	115 HP (Yamaha) ..... 78 ~ 83
50 HP Bigfoot (4-Stroke) ..... All Years	80 HP (Mariner) ..... 78 ~ 83	125 HP ..... 94 ~ 05
60 HP Bigfoot (4-Stroke) ..... 95 ~	80 HP (Yamaha) ..... 77 - 83	140 HP (Includes Sea Pro/Offshore) .. 78 ~ 81
60 HP (Command Thrust) ..... 2014 ~	80 HP (Model 800, 2 & 4 Cyl.) ..... ~ 77	140 HP (Yamaha) ..... 78 ~ 79
60 HP (Sea Pro/Marathon) ..... 95 ~	85 HP (Model 850, 2 & 4 Cyl.) ..... ~ 77	Models 900 ~ 1500 ..... ~ 77
65 HP (Model 650 - 4 Cyl.) ..... 61 ~ 70	90 HP (2 & 4-Stroke) ..... 78 ~	(FORCE) 75 HP ... 1999 ~ & 90, 120, 150 HP ... 1995 ~
65 HP (Model 650 - 2 Cyl.) ..... ~ 71	90 HP (Yamaha) ..... 78 ~ 83	
70 HP ..... 87 ~ 89		

**AMITA 3 Aluminum 3 blade Rubber Hub**

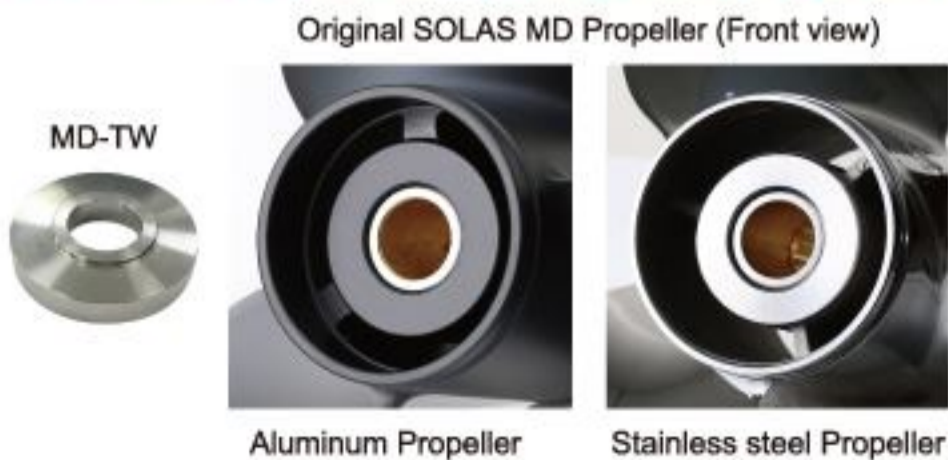
B	D	P	R	PART NO.
3	14	9	R	1411-140-09
3	14	11	R	1411-140-11
3	13.75	13	R	1411-138-13
3	13.5	14	R	1411-135-14
3	13.5	15	R	1411-135-15
3	13.5	16	R	1411-135-16
3	13.25	17	R	1411-133-17
3	13.25	18	R	1411-133-18
3	13	19	R	1411-130-19
3	13	21	R	1411-130-21

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

	Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)
	MDTW		MEWS	MDNT
<b>D</b>		Installed on Prop		
KITS part # : 17014501				



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 (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)
	METW		MEWS	MDNT
<b>D-1</b>		Installed on Prop		
KITS part # : 17014501A				

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

90 HP (Command Thrust) ..... 2014 ~	200 HP ..... 78 ~	MERCURUISER STERNDRIVES
100 HP (Command Thrust) ... 2015 ~	220 HP ..... 87 ~ 88	MODELS 1S, 1B, 1C ... ~ 82
115 HP (Command Thrust) ... 2014 ~	225 HP ..... 80 ~	MODELS 120, 140, 145 DTS ... ~ 82
135 HP ..... 87 ~	225 HP (Sea Pro/Marathon) ... All Years	MODELS 165, 228, 470, 485, 888, 898 ... ~ 82
150 HP ..... 78 ~	250 HP ..... 94 ~	MODELS 225S, 233, 255TRS, 260, 280TRS, 330TRS ... ~ 82
150 HP (Yamaha) ..... 79 ~ 83	275 HP ..... 90 ~ 94	MERCURUISER 120 ~ 260 HP ... 83 ~ 85
175 HP ..... 78 ~	300 HP ..... 83, & 99 ~	ALPHA ONE DRIVE (Gen.1 & Gen. 2 All Motors & HP)
175 HP (Yamaha) ..... 78 ~ 79	3.4 Litre ..... 84 ~ 86	BRAVO ONE DRIVE (Bravo One & Bravo One X Drives Only)

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

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

**NEW SATURN-E Plus**

Suggested for 135 ~ 150 HP Motors for Heavy Boat

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

**HR TITAN 3** Stainless steel 3 blade  
**PROP** Rubber Hub

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

**HR TITAN 4** Stainless steel 4 blade  
**PROP** Rubber Hub

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

**LEXOR** Stainless steel 3 blade  
**PROP** Rubber Hub

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



**Scorpion** Stainless steel 3 blade  
**PROP** Rubber Hub

Check the RUBEX chart  
S3 Prop for SCORPION.  
[www.rubexprops.com](http://www.rubexprops.com)



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

KITS part #: 17015501  
Prop hardware for pressed in hub propeller.  
\* Required hardware to install propeller that SOLAS makes in hub E series propeller.

**F MERCURUISER ( BRAVO II )**

( 19 Tooth Spline & Thru Hub Exhaust )

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

**TITAN PROP** Stainless steel 3 blade  
**PROP** Rubber Hub

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



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

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

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

200 HP .....	78 ~
220 HP .....	87 ~ 88
225 HP .....	80 ~
225 HP (Sea Pro/Marathon) ...	All Years
250 HP .....	94 ~
275 HP .....	90 ~ 94
300 HP .....	83, & 99 ~
3.4 Litre .....	84 ~ 86

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

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

KITS part # : 17015501

Prop hardware for pressed in hub propeller.

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



1513-140-21

**F MERCURISER ( BRAVO II )**

( 19 Tooth Spline & Thru Hub Exhaust )

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

**AMITA 3 Aluminum 3 blade Rubber Hub**

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

BRAVO II is a registered trademark of the Brunswick Corporation.



**Mercury Sport Jet Impellers**

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

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



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

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

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

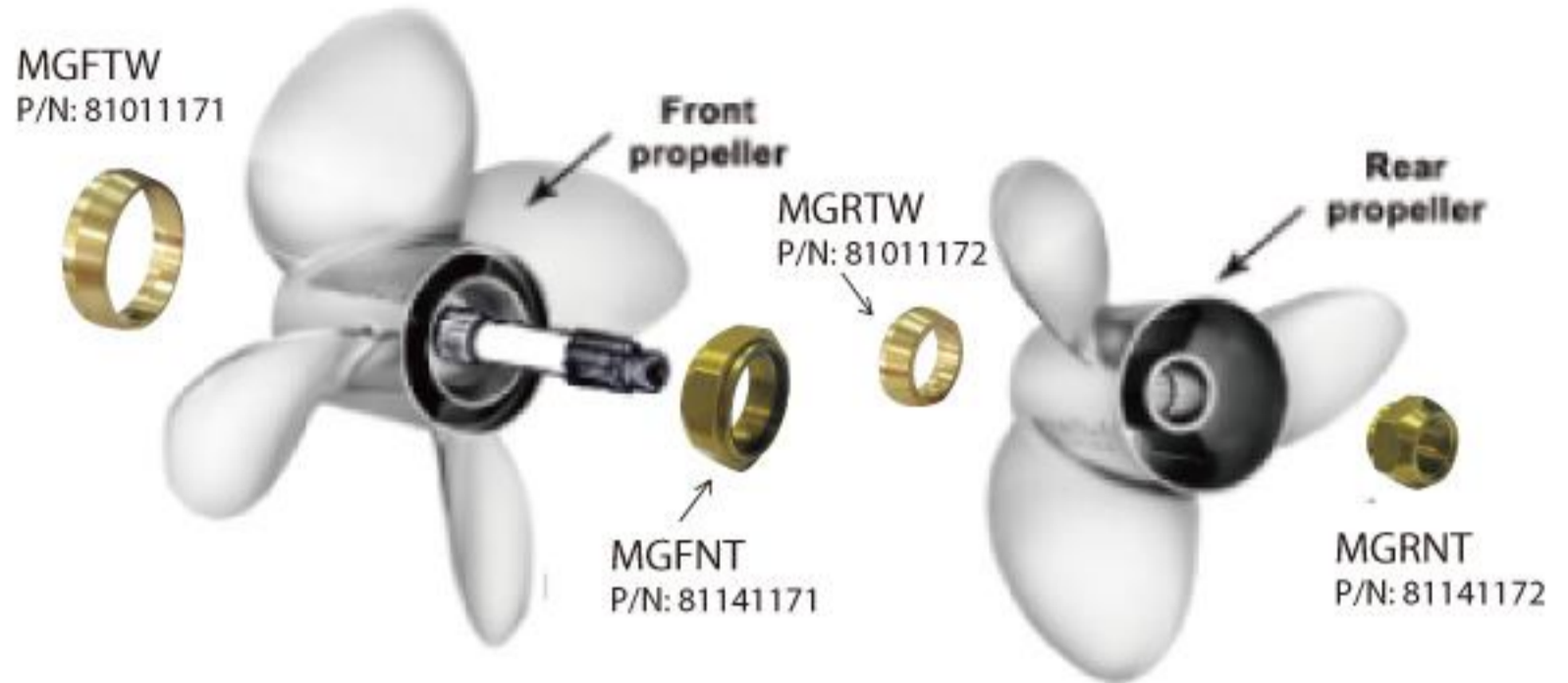
**MERCUISER ( BRAVO III )**

( 19 Tooth Spline & Thru Hub Exhaust )

Fits all Bravo III Stern drives.

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

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



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

# SOLAS B3

## BRAVO III Dual Props

BRAVO III is a registered trademark of the Brunswick Corporation.



**B3** for  
**MERCURY BRAVO 3**



Stainless steel  
4 blade front & 3 blade rear  
Solid hub

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

# RUBEX™

# PRO SERIES



**Advanced Engineering  
for  
High Performance**

**SAV**  
SOLAS ADJUSTABLE VENT

## PRO L3

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	9576-153-21
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

## PRO L4

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

\*: coming soon

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

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

**BRP, Johnson, Evinrude, OMC Stern Drive**

Evinrude, Johnson

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

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

**SATURN** Stainless steel 3 blade  
**PROP** Rubber Hub

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



2121-093-09

**Prop hardware for pressed in hub propeller.**

	Thrust Washer (10pack)	Spacer (10pack)	Washer (20pack)	Nut (10pack)	Cotter Pin (6pack)
A	OATW	OASP	N/A	OANT	Apin(1 1/8")

KITS part # : 17021501

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

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

**SATURN** Stainless steel 3 blade  
**PROP** Rubber Hub

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



4121-093-09

**Prop hardware for pressed in hub propeller.**

	Thrust Washer (10pack)	Spacer (10pack)	Washer (20pack)	Nut (10pack)	Cotter Pin (6pack)
A	Original BRP Part	Original BRP Part	Original BRP Part	SANT	Apin(1 1/8")

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

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

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

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

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



2231-101-13

**Prop hardware for pressed in hub propeller.**

	Thrust Washer (10pack)	Spacer (10pack)	Washer (20pack)	Nut (10pack)	Cotter Pin (6pack)
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-Stroke)04-07 Japan Origin Suzuki 3" Gearcase(10 Tooth Spline)**

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

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



4231-101-13

**Prop hardware for pressed in hub propeller.**

	Thrust Washer (10pack)	Spacer (10pack)	Washer (20pack)	Nut (10pack)	Cotter Pin (6pack)
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.



**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: 170201



2011-085-09P



2011-083-08P

**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: 1798011

**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; 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

For heavy boat ; high thrust

**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/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Cotter Pin (1/each)
OATW	OASP	N/A	OANT	Apin1 1/8"

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	4111-093-07
3	9.25	8	R	4111-093-08
3	9.25	9	R	4111-093-09
3	9.25	10	R	4111-093-10
3	9.25	11	R	4111-093-11
3	9.25	12	R	4111-093-12

**AMITA 4 Aluminum 4 blade Rubber Hub**

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

For heavy boat ; high thrust

**AMITA 4 Aluminum 4 blade Rubber Hub**

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

Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Cotter Pin (1/each)
SATW	SASP	SAWS	SANT	Apin1 1/8"

KITS part # : 17041501

Prop hardware for pressed in hub propeller.

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

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

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

**AMITA 3 Aluminum 3 blade Rubber Hub**

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

**AMITA 4 Aluminum 4 blade Rubber Hub**

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

Prop hardware for pressed in hub propeller.

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

Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Cotter Pin (1/each)
OBTW	OOSP	N/A	OBNT	Apin1 1/8"

KITS part # : 17022501

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

**AMITA 3 Aluminum 3 blade Rubber Hub**

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

**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)**

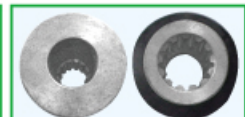
14 HP 1988-1989; 25 HP 1978-1984  
25 HP Commercial 1978-1991, 1994 & Newer  
28HP 1986-1996

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: 1798112



Spline Drive

Rubber Hub: POA-RB  
P/N: 1798111

Hardware Kits part # : 17042501

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

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

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

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



2331-123-15

*Prop hardware for pressed in hub propeller.*

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

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

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

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

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



4331-111-13

*Prop hardware for pressed in hub propeller.*

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

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

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

40 HP E-TEC ..... 2004 ~	60 HP 3 Cyl (Pleasure) 70 ~ 71, 86 ~ 01	<b>V4 Outboard</b>
45 HP 2 Cyl (Commercial) . 86 ~	60 HP (4-Stroke) .....98 ~	85 HP ..... 69 ~ 80, 91 ~ 95
50 HP 2 Cyl (Pleasure) ..... 71 ~ 74	60 HP E-TEC ..... 2004 ~	88 HP ..... 81 ~ 96
50 HP 2 Cyl (Commercial) ... 77 ~ 79	65 HP 3 Cyl (Pleasure) ..... 72 ~ 73	90 HP ..... 81 ~
50 HP 3 Cyl (Pleasure) ..... 94 ~ 99	65 HP 3 Cyl (Commercial) .....84 ~ 01	90 HP E-TEC (20" Shaft) . 2004 ~
50 HP E-TEC ..... 2004 ~	65 HP (Pontoon Series) .....2014 ~	120 HP ..... 86 ~ 94
55 HP 2 Cyl (Commercial) .....80 ~	70 HP 3 Cyl (Pleasure) .....74 ~	125 HP ..... 71 ~ 72
55 HP 3 Cyl ..... 68 ~ 69	70 HP 3 Cyl (Commercial) ..... 74 ~ 01	130 HP E-TEC (20" Shaft) .04 ~ 10
55 HP E-TEC ..... 2009 ~	70 HP (4-Stroke) .....98 ~	135 HP ..... 73 ~ 76
	75 HP 3 Cyl (Pleasure) .....75 ~ 84	140 HP ..... 77 ~ 84, 86 ~ 94
	75 HP E-TEC ..... 2004 ~	
		<b>OMC Sterndrives</b>
		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

**HRTITAN4 PROP** Stainless steel 4 blade Rubber Hub

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

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

*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 High Thrust ; Offshore Application**



**HR TITAN 3**  
High Speed Application

*Prop hardware for pressed in hub propeller.*

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

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

**HRTITAN3 PROP** Stainless steel 3 blade Rubber Hub

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

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

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



**Prop hardware for pressed in hub propeller.**

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

KITS part #: 17023501

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

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

#### AMITA 3-C Plus 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



**Prop hardware for pressed in hub propeller.**

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

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

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

40 HP E-TEC ..... 2004 ~	60 HP 3 Cyl (Pleasure) 70 ~ 71, 86 ~ 01	<b>V4 Outboard</b>
45 HP 2 Cyl (Commercial) . 86 ~	60 HP (4-Stroke) ..... 98 ~	85 HP ..... 69 ~ 80, 91 ~ 95
50 HP 2 Cyl (Pleasure) ..... 71 ~ 74	60 HP E-TEC ..... 2004 ~	88 HP ..... 81 ~ 96
50 HP 2 Cyl (Commercial) ... 77 ~ 79	65 HP 3 Cyl (Pleasure) ..... 72 ~ 73	90 HP ..... 81 ~
50 HP 3 Cyl (Pleasure) ..... 94 ~ 99	65 HP 3 Cyl (Commercial) ..... 84 ~ 01	90 HP E-TEC (20" Shaft) . 2004 ~
50 HP E-TEC ..... 2004 ~	65 HP (Pontoon Series) ..... 2014 ~	90 HP (Pontoon Series) . 2014 ~
55 HP 2 Cyl (Commercial) .... 80 ~	70 HP 3 Cyl (Pleasure) ..... 74 ~	100 HP ..... 79 ~ 80, 88 ~ 93
55 HP 3 Cyl ..... 68 ~ 69	70 HP 3 Cyl (Commercial) ..... 74 ~ 01	110 HP ..... 86 ~ 89
55 HP E-TEC ..... 2009 ~	70 HP (4-Stroke) ..... 98 ~	112 HP ..... 94 ~ 96
	75 HP 3 Cyl (Pleasure) ..... 75 ~ 84	<b>OMC Sterndrives</b>
	75 HP E-TEC ..... 2004 ~	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

**Prop hardware for pressed in hub propeller.**

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

KITS part #: 17024501

\* 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

High Thrust ; Offshore Application

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

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

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

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

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

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

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

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

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

3	15 5/8	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** 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

**Scorpion** Stainless steel 3 blade Rubber Hub

Check the RUBEX chart  
S3 Prop for SCORPION.  
[www.rubexprops.com](http://www.rubexprops.com)



**Johnson 4 Stroke**  
DF 150, 175, 200, 225, 250, 300  
**LEXOR** Stainless steel 3 blade Rubber Hub

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

Prop hardware for pressed in hub propeller.

	Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Center Pin (4/each)
E	Original BRP Part	Original BRP Part	Original BRP Part	YENT	Epinc(2")

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

Prop hardware for pressed in hub propeller.

	Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Center Pin (4/each)
E	OETW	OESP	N/A	OENT	Epinc(2")

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



LEXOR  
2571-150-21

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

90 HP V4 (Includes DPX) ..... 95 ~	135 HP V6 ..... 2014 ~	225 HP V6 (Includes E-TEC) ..... 86 ~
90 HP E-TEC (25" Shaft) ..... 2004 ~	140 HP (25" Shaft) ..... 89 ~ 94	235 HP V6 ..... 78 ~ 85
100 HP V4 (Commercial) ..... 84 ~	150 HP V6 (Includes E-TEC) ... 78 ~	250 HP V8 (Includes E-TEC) ..... 91 ~
100 HP ..... 2004 ~	150 HP V6 (Commercial) ..... 93 ~	250 HP V6 (Includes E-TEC) ..... 01 ~
115 HP V4 (Includes DSX,DPX, & DCX) ... 95 ~	150 HP (Pontoon Series) .... 2014 ~	275 HP V8 ..... 86 ~ 88
115 HP E-TEC (25" Shaft) ..... 2004 ~	155 HP V6 (Commercial) ..... 78 ~	300 HP V8 (Includes E-TEC) .... 88 ~ 95; 09 ~
115 HP (Pontoon Series) ..... 2014 ~	175 HP V6 (Includes E-TEC) ... 77 ~	
120-140 HP V4 ..... 1985	185 HP V6 ..... 84 ~ 85	2.6 Liter V-6 ..... 84 ~ 85
130 HP V4 ..... 95 ~ 96	200 HP V6 (Includes E-TEC) .... 76 ~	3.6 Liter V8 ..... 86 ~ 87
130 HP E-TEC (25" Shaft)..... 09 ~ 10		

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

**AMITA 3 Aluminum 3 blade Rubber Hub**

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

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

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

**AMITA 4 Aluminum 4 blade Rubber Hub**

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



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

KITS part # : 17025501

*Prop hardware for pressed in hub propeller.*

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

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

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

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

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



*Prop hardware for pressed in hub propeller.*

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

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

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

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

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

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

**SATURN** Stainless steel 3 blade  
**PROP** 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 (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cover Pin (4/2pack)
A	YATW	N/A	YAWS	YANT Apinet 118*

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 ..... 79 ~

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

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



3233-100-09

	Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cover Pin (4/2pack)
B	YBTW	YBSP	YBWS	YBNT Apinet 118*	

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

**AMITA3 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: 1703011

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

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

**AMITA3 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

**AMITA4 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



For heavy boat ; high thrust

3013-087-07

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

T8, T9.9.....All      F9.9 (4-Stroke).....00 ~ 07      F15 (4 Stroke) ..... 98 ~      F20(4-Stroke)..... 07 ~  
9.9 HP (2-Stroke) ....84 ~ 09      15 HP (2-Stroke) ..... 84 ~ 09      F15 C ..... 07 ~

**AMITA3 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

**AMITA4 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

**AMITA4 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

For heavy boat ; high thrust

Kit	Thrust Washer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (6pack)
A	YATW	YAWS	YANT	Apin(1 1/8")

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      F25 (4 Stroke) ..... 98 ~ 06; 10 ~  
25 HP ..... 80 ~      30 HP ..... 79 ~

**AMITA3 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

**AMITA4 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

Kit	Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (6pack)
B	YBTW	YBSP	YBWS	YBNT	Apin(1 1/8")

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 for 8 HP**

**AMITA3 Aluminum 3 blade**

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



Rubber Hub: PY8-RB P/N: 179801

**Pin Drive for YAMAHA 8HP 1976-1983**

**AMITA3 Aluminum 3 blade**

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



Rubber Hub: PO6-RB P/N: 1798011

**AMITA3 ( 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

**AMITA3 ( Spline Drive)**

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



**Pin Drive**

Rubber Hub: POA-RB2  
P/N: 1798112



**Spline Drive**

Rubber Hub: POA-RB  
P/N: 1798111

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

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

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

	Flange Plate (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Coiler Pin (4/pack)
	YCTW	YCSP	YCWS	YCNT	Epil(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 ~	F70 (4-Stroke) ..... 10 ~	F 80 (4 Stroke) ..... 99 ~ 02	F100 (4 Stroke) ..... 99 ~ 02
60 HP (Includes C60/E60/P60) 92 ~ 05	75 HP (Includes C75/E75/P75) .94 ~ 99	85 HP ..... 91 ~ 97	115 HP (Includes C115/P115) .84 ~
T60 (4-Stroke) ..... 03 ~	F75 (4 Stroke) ..... 03 ~	90 HP (Includes C90) ... 84 ~	F115 (4 Stroke) ..... 00 ~
70 HP ..... 84 ~	80 HP ..... 1997	F90 (4 Stroke) ..... 99 ~	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	Flange Plate (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Coiler Pin (4/pack)
	YDTW	YDSP2	YDWS	YDNT	Epil(1 1/2")
(60~100HP)					
	YETW	YDSP	YDWS	YENT	Epil(2")
(100~130HP)					

KITS part #: 17034501

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



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

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

**AMITA 3 Aluminum 3 blade Rubber Hub**

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

**AMITA 3-C Plus 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

**AMITA 4 Aluminum 4 blade Rubber Hub**

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



3311-110-15



3311-116-13



3313-105-14

**40 HP Pin Drive**

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

**40 HP Pin Drive**  
Rubber Hub: PYC-RB  
P/N: 179831

Thrust Washer (1/pc)	Spacer (1/pc)	Washer (2/pc)	Nut (1/pc)	Cotter Pin (4/pc)
YCTW	YCSP	YCWS	YCNT	Cpin(1/12")

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 ~	F70 (4-Stroke) ..... 10 ~	F 80 (4 Stroke) ..... 99 ~ 02	F100 (4 Stroke) ..... 99 ~ 02
60 HP (Includes C60/E60/P60) 92 ~ 05	75 HP (Includes C75/E75/P75) .94 ~ 99	85 HP ..... 91 ~ 97	115 HP (Includes C115/P115) .84 ~
T60 (4-Stroke) ..... 03 ~	F75 (4 Stroke) ..... 03 ~	90 HP (Includes C90) ... 84 ~	F115 (4 Stroke) ..... 00 ~
70 HP ..... 84 ~	80 HP ..... 1997	F90 (4 Stroke) ..... 99 ~	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**

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

**OEM Blade Style**  
Semi clever blade design



*Prop hardware for pressed in hub propeller.*

D	Thrust Washer (1/pc)	Spacer (1/pc)	Washer (2/pc)	Nut (1/pc)	Cotter Pin (4/pc)
(60~100HP)	YDTW	YDSP2	YDWS	YDNT	Cpin(1/12")
(100~130HP)	YETW	YESP	YDWS	YENT	Cpin(2")

KITS part #: 17034501  
KITS part #: 17035501

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

**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 (Special) ..... 87 ~ 88  
 225 HP (Excel) ..... 80 ~

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

F250 (4 Stroke) (Includes Offshore)..02 ~  
 300 HP (2-stroke V6 Engine)... 03 ~ 07  
 F300 Offshore (4-Stroke V6 Engine) .. 10 ~  
 Sterndrive 3.0L ~7.47L

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

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

**NEW SATURN-E Plus**

Suggested for 135 ~ 150 HP Motors for Heavy Boat

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

**HR TITAN3 PROP** Stainless steel 3 blade Rubber Hub

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

**HR TITAN4 PROP** Stainless steel 4 blade Rubber Hub

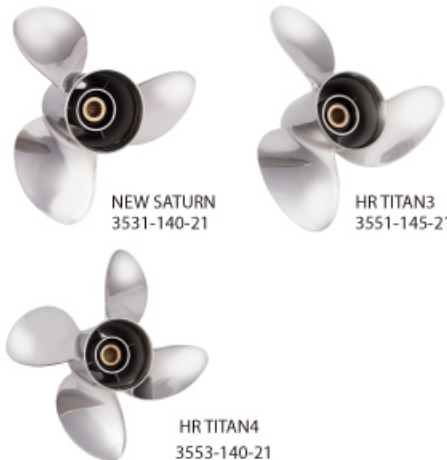
B	D	P	R	PART NO.
4	14 1/2	15	R	3553-145-15
4	14 1/2	15	L	3554-145-15
4	14 1/4	17	R	3553-143-17
4	14 1/4	17	L	3554-143-17
4	14 1/8	18	R	3553-141-18
4	14 1/8	18	L	3554-141-18
4	14 1/8	19	R	3553-141-19
4	14 1/8	19	L	3554-141-19
4	14	20	R	3553-140-20
4	14	20	L	3554-140-20
4	14	21	R	3553-140-21
4	14	21	L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

**LEXOR** Stainless steel 3 blade Rubber Hub

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

**Scorpion** Stainless steel 3 blade Rubber Hub

Check the RUBEX chart  
**S3 Prop for SCORPION.**  
[www.rubexprops.com](http://www.rubexprops.com)



Thrust Washer (13mm)	Spacer (19mm)	Washer (20mm)	Hub (17mm)	Collar Pin (40mm)
YETW	YDSP	YDWS	YENT	Epini(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.

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

150 HP ..... 86 ~	200 HP (VMAX)..... 01	225 HP ..... 86 ~	F250 (4 Stroke) (Includes Offshore)..02 ~
F150 (4-Stroke) ..... 04 ~	F200 (4-Stroke) ..... 02 ~	F225 (4-Stroke) (Includes Offshore) .. 02 ~	300 HP (2-stroke V6 Engine)... 03 ~ 07
175 HP ..... 84 ~	VF200 V-MAX SHO ..... 10 ~	VF225 VMAX SHO ..... 10 ~	F300 Offshore (4-Stroke V6 Engine) .. 10 ~
F175 (4-Stroke) ..... 14 ~	220 HP (Special) .....87 ~ 88	250 HP ..... 90 ~	Sterndrive 3.0L ~7.47L
200 HP ..... 84 ~	225 HP (Excel) ..... . 80 ~	250 HP (VMAX) ..... 01 ~	

**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 (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Collar Pin (2pack)
E	YETW	YDSP	YDWS	YENT	EPIN(Z)
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.

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

DF 8A (4-Stroke) ..... 2010 ~  
DT 9.9 ..... 83 ~ 87  
DF 9.9 (4 Stroke) ..... 96 ~

DF 9.9A (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** Stainless steel 3 blade  
**PROP** Rubber Hub

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



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

*Prop hardware for pressed in hub propeller.*

• SOLAS aftermarket hardware to install prop on engines.

KITS part #: 17041501A

\*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** Stainless steel 3 blade  
**PROP** Rubber Hub

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



	Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Cotter Pin (6/each)
B	SBTW	SBSP	YBWS	SBNT	Apin(1 1/8")

*Prop hardware for pressed in hub propeller.*

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

KITS part #: 17042501

**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 <b>NEW!</b>

**4~6HP ( 10 Tooth Spline )**

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

**AMITA 3 Aluminum 3 blade Spline Drive**

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



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

DF 8A (4-Stroke) ..... 2010 ~  
DT 9.9 ..... 83 ~ 87  
DF 9.9 (4 Stroke) ..... 96 ~

DF 9.9A (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

For heavy boat ; high thrust

**AMITA 4 Aluminum 4 blade Rubber Hub**

B	D	P	R	PART NO.
4	10	5	R	4113-100-05A <b>NEW!</b>
4	10	7	R	4113-100-07A <b>NEW!</b>



4113-100-07A

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

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

Prop hardware for pressed in hub propeller.

SOLAS aftermarket hardware to install prop on engines.

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

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

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

DF 30 ..... 00 ~ 07  
DF 30A ..... 2014 ~

**AMITA 3 Aluminum 3 blade Rubber Hub**

B	D	P	R	PART NO.
3	11	9	R	4211-110-09
3	10.5	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 (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
SBTW	SBSP	YBWS	SBNT	Apin(1 1/8")
KITS part # : 17042501				

Prop hardware for pressed in hub propeller.

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

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

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

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

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

**SATURN PROP** Stainless steel 3 blade Rubber Hub

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



Prop hardware for pressed in hub propeller.

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



**D 60~140 Horsepower / 4-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)**

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

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

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

**TITAN PROP** Stainless steel 3 blade Rubber Hub

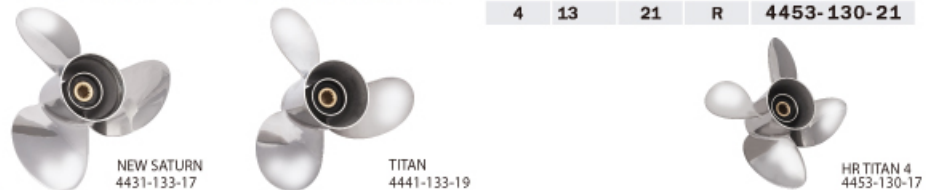
B	D	P	R	PART NO.
3	13 3/4	13	R	4441-138-13
3	13 3/4	15	R	4441-138-15
3	13 1/4	17	R	4441-133-17
3	13 1/4	19	R	4441-133-19

**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

Prop hardware for pressed in hub propeller.

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



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

DF 70A (4-Stroke)..... 09 ~	DF 90A (4-Stroke)..... 2009 ~	DF 115A (4-Stroke) ..... 2013 ~
DF 80A (4-Stroke)..... 09 ~	DF100 (4-Stroke) ..... 2009 ~	DF 140 (4-Stroke)..... 02 ~ 12
DF 90 (4-Stroke).... 01 ~ 08	DF 115 (4-Stroke).... 01 ~ 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 (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
SDTW1	SDSP	YDWS	YENT	Epin(2")

KITS part #: 17044501

**Kits for DF140**

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

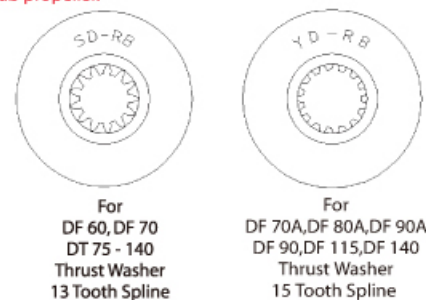
KITS part #: 17044502

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 115,DF 140(4 Stroke), please use 15 tooth spline rubber hub propeller. For DF 60,DF 70, DT 75-140, please use 13 tooth spline rubber hub propeller.



Warning:

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

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

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

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

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

**AMITA 4** Aluminum 4 blade Rubber Hub

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

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
SCTW	SCSP	YDWS	YENT	Epin(2")

KITS part #: 17043501

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



4311-114-15



4313-108-12

**D 60~140 Horsepower / 4-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)**

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

**AMITA 3** Aluminum 3 blade Rubber Hub

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

**AMITA 3** Aluminum 3 blade Rubber Hub

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

**AMITA 4** Aluminum 4 blade Rubber Hub

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

**Prop hardware for pressed in hub propeller.**

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



4411-133-17



4413-128-17

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

DF 70A (4-Stroke)..... 09 ~	DF 90A (4-Stroke)..... 2009 ~	DF 115A (4-Stroke) ..... 2013 ~
DF 80A (4-Stroke)..... 09 ~	DF100 (4-Stroke) ..... 2009 ~	DF 140 (4-Stroke)..... 02 ~ 12
DF 90 (4-Stroke)... 01 ~ 08	DF 115 (4-Stroke)... 01 ~ 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 (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
SDTW1	SDSP	YDWS	YENT	Epin(2")

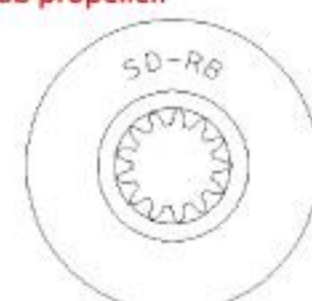
KITS part #: 17044501

**Kits for DF140**

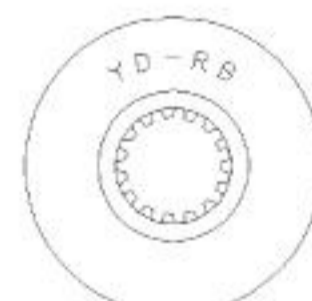
Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
SDTW2	SDSP	YDWS	YENT	Epin(2")

KITS part #: 17044502

**Note:**  
For DF 70A,DF 80A,DF 90,DF 115,DF 140(4 Stroke), 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 90A, DF 90,DF 115,DF 140 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.

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

DT 150 ..... 86 ~ 03      DT 200 ..... 86 ~ 00  
DT 175 ..... 86 ~ 92      DT 225 ..... 86 ~ 03

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

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

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

B	D	P	R	PART NO.
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

**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

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

**LEXOR PROP** Stainless steel 3 blade Rubber Hub

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

**LEXOR PLUS** Stainless steel 3 blade Rubber Hub

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

**LEXOR 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 (5 pack)
SETW	SESP	YDWS	YENT	CPIN(27)

KITS part #: 17045501

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



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

DT 150 ..... 86 ~ 03      DT 200 ..... 86 ~ 00  
DT 175 ..... 86 ~ 92      DT 225 ..... 86 ~ 03

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

**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

**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



	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.

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

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

**SATURN** Stainless steel 3 blade  
**PROP** Rubber Hub

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



5121-093-09

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

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

**SATURN** Stainless steel 3 blade  
**PROP** Rubber Hub

B	D	P	R	PART NO.
3	10	8	R	5221-100-08
3	10	9	R	5221-100-09
3	10	10	R	5221-100-10
3	10	11	R	5221-100-11
3	10	12	R	5221-100-12
3	10	13	R	5221-100-13
3	10	14	R	5221-100-14 <b>NEW!</b>

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

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



5221-100-11



5233-100-09

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Center Pin (4/pack)
	TBTW		TAWS	TANT	Apin(1 1/8")
B		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.

**2.5~3.5HP ( Plastic Propeller)**

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



**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 ~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

For heavy boat ; high thrust

**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



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

15 HP (2-Stroke) ..... 1985~Newer

18 HP (2-Stroke) .....1985~Newer

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

9.9 HP (4-Stroke) .....00~03

15 HP (4-Stroke) .....2000~Newer

18 HP (4-Stroke) .....01~08

12 HP..... 85~88

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

**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

For heavy boat ; high thrust

**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

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

25 HP ..... 86 ~ 01

25 HP (4-Stroke) ..... 02 ~

30 HP ..... 85 ~ 01

30 HP (4-Stroke) ..... 02 ~

MFS 25,30(4-Stroke)

NSF 25,30(4-Stroke)

**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 <b>NEW!</b>

**AMITA 4 Aluminum 4 blade Rubber Hub**

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



5211-099-11



5013-100-13

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

KITS part # : 17051501

Prop hardware for pressed in hub propeller.

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

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

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

35 HP (35B only) Thru 1984

40 HP 1984 & Newer

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 (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
TCTW	TCSP	YDWS	TCNT	Cotter 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 TITAN4 PROP** Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	3453-135-13
4	13 1/4	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 (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
TDTW	YDSP	YDWS	TCNT	Cotter 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 TITAN4 PROP** Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	6453-135-13
4	13 1/2	13	L	6454-135-13
4	13 1/4	15	R	6453-133-15
4	13 1/4	15	L	6454-133-15
4	13	17	R	6453-130-17
4	13	17	L	6454-130-17
4	13	19	R	6453-130-19
4	13	19	L	6454-130-19
4	13	21	R	6453-130-21
4	13	21	L	6454-130-21

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

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

35 HP (35B only) Thru 1984

40 HP 1984 & 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

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

**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

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
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) **NEW!****

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

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

**NEW!**

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** Stainless steel 3 blade Rubber Hub

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

**Scorpion** Stainless steel 3 blade Rubber Hub

Check the RUBEX chart  
S3 Prop for SCORPION.  
[www.rubexprops.com](http://www.rubexprops.com)



NEW SATURN  
1531-140-21

HR TITAN3  
1551-148-20



HR TITAN4  
1553-140-21



LEXOR  
1571-151-20

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

*Prop hardware for pressed in hub propeller.*

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

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

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

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

**AMITA 4 Aluminum 4 blade Rubber Hub**

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



1511-143-21



1511-153-19



1513-140-21

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

**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** Stainless steel 3 blade  
**PROP** 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 (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
A	HATW	N/A	YAWS	YANT	Apin(1 1/8")

KITS part # : 17061501

*Prop hardware for pressed in hub propeller.*

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

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

BF 25 HP ..... 94 ~

BF 30 HP ..... 95 ~

**SATURN** Stainless steel 3 blade  
**PROP** Rubber Hub

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



5221-100-11

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

KITS part # : 17062501

*Prop hardware for pressed in hub propeller.*

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

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



**5 4.5/ 5 Horsepower ( Pin Drive )**

BF4.5 ; BF5 .....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: HS-RB  
P/N: 170601

**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 ) NEW!**

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: 1798112

**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

**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

For heavy boat ; high thrust

**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

- Offers excellent forward and reverse thrust.
- Ideal for heavy load and sail drive application.



3111-093-10



3113-093-10



3113-100-07

Thrust Washer (1/stack)	Spacer (1/stack)	Washer (2/stack)	Nut (1/stack)	Center Pin (1/stack)
HATW		YAWS	YANT	Apin(1 1/8")
A	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

**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

Thrust Washer (1/stack)	Spacer (1/stack)	Washer (2/stack)	Nut (1/stack)	Center Pin (1/stack)
HBTW		TAWS	TANT	Apin(1 1/8")
B	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.



5211-099-11



5213-100-13

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

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

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

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

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

**SATURN PROP** Stainless steel 3 blade Rubber Hub

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

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
	HCTW	YCSP	YDWS	YCNT	CPin(1 1/2")
c					

KITS part #: 17063501

*Prop hardware for pressed in hub propeller.*

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



3331-110-15



3321-111-13

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

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

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

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

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

**TITAN PROP** Stainless steel 3 blade Rubber Hub

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

**HR TITAN 4 PROP** Stainless steel 4 blade Rubber Hub

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



6431-133-17



6441-133-17



6453-130-19

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

KITS part #: 17064501

*Prop hardware for pressed in hub propeller.*

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

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

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

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

**AMITA 3 Aluminum 3 blade Rubber Hub**

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

**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

**AMITA 4 Aluminum 4 blade Rubber Hub**

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



3311-110-15



3311-116-13



3313-105-14

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Collar Pin (4/pack)
HCTW	YCSP	YDWS	YCNT	Opin(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

**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



6411-133-17



6411-132-19



6413-128-17

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Collar Pin (4/pack)
HDTW	Installed on Prop	YDWS	YENT	EPIN

KITS part # : 17064501

*Prop hardware for pressed in hub propeller.*

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

\* 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 ~	150 HP ..... 04 ~	225 HP ..... 02 ~
BF 135 HP .....04 ~	200 HP ..... 02 ~	250 HP.....12 ~

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

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

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

B	D	P	R	PART NO.
3	15 5/8	11	R	1531-156-11
3	15 5/8	13	R	1531-156-13
3	15 5/8	13	L	1532-156-13

**HR TITAN3 PROP** Stainless steel 3 blade Rubber Hub

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

**HR TITAN4 PROP** Stainless steel 4 blade Rubber Hub

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

**LEXOR** Stainless steel 3 blade Rubber Hub

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

**Scorpion** Stainless steel 3 blade Rubber Hub

Check the RUBEX chart  
S3 Prop for SCORPION.  
[www.rubexprops.com](http://www.rubexprops.com)



NEW SATURN  
1531-140-21

HR TITAN3  
1551-148-20



HR TITAN4  
1553-140-21



LEXOR  
1571-151-20

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cutter Pin (1pack)
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.

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

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

**AMITA 3 Aluminum 3 blade Rubber Hub**

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

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

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

**AMITA 4 Aluminum 4 blade Rubber Hub**

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



1511-143-21



1511-153-19



1513-140-21

Thrust Washer (1 pack)	Spacer (1 pack)	Washer (2 pack)	Nut (1 pack)	Cover Pin (1 pack)
HETW	HESP	N/A	YENT	EPIN

KITS part # : 17065501

*Prop hardware for pressed in hub propeller.*

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

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

## Volvo Penta Aquamatic SP Stern Drive

### E Aquamatic ( Long Hub) 17 Tooth Spline

AQ 280  
AQ 290

#### **SATURN PROP** Stainless steel 4 blade Rubber Hub

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



#### **NEW SATURN PROP** Stainless steel 3 blade Rubber Hub

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



#### **TITAN PROP** Stainless steel 3 blade Rubber Hub

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



Standard Hub Installation



Long Hub Installation

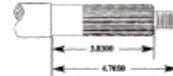


## OMC, Volvo Penta SX Drive

### E SX Drive ( 19 Tooth Spline)

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

VOLVO Standard Shaft



VOLVO Long Shaft



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



**Volvo Penta Aquamatic SP Stern Drive**

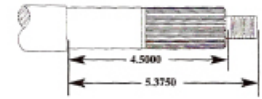
**E Aquamatic ( Long Hub) 17 Tooth Spline**

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

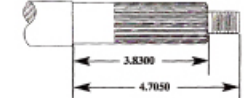
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Standard Hub Installation



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

**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

8712-153-19



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

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

DP 280, DP 290

**Aluminum Propellers**

**Aluminum 3 blade Rubber Hub**

**Front propeller**

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



**Front propeller**

**Aluminum 4 blade Rubber Hub**

**Rear propeller**

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



**Rear propeller**

**Stainless Steel Propellers**

**Stainless steel 3 blade Rubber Hub**

**Front propeller**

B	D	P		PART NO.
3	15	15	Front	8532-150-15
3	15	17	Front	8532-150-17
3	15	19	Front	8532-150-19
3	15	21	Front	8532-150-21



**Front propeller**

**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



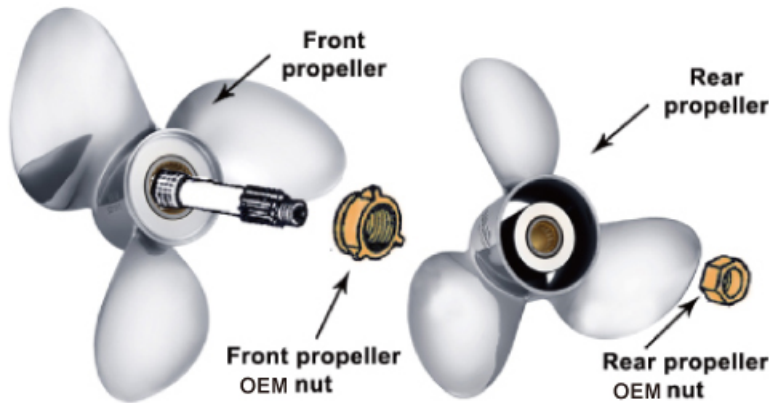
**Rear propeller**

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

*Prop hardware for pressed in hub propeller.*



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.

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

F9.9/15

T9.9/15

**SATURN PROP** Stainless steel 3 blade Rubber Hub

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



3121-093-09

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

F20/25

T20/25/30

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

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

**SATURN PROP** Stainless steel 3 blade Rubber Hub

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

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

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



3231-101-13



3221-100-10



3233-100-09

\* 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.

**C 40~60 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 60~130 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 40~60 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 60~130 Horsepower ( 15 Tooth Spline & Thru Hub Exhaust )**

T75/85/90

**AMITA 3** Aluminum 3 blade Rubber Hub

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

**AMITA 4** Aluminum 4 blade Rubber Hub

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



3411-133-17



3413-125-19

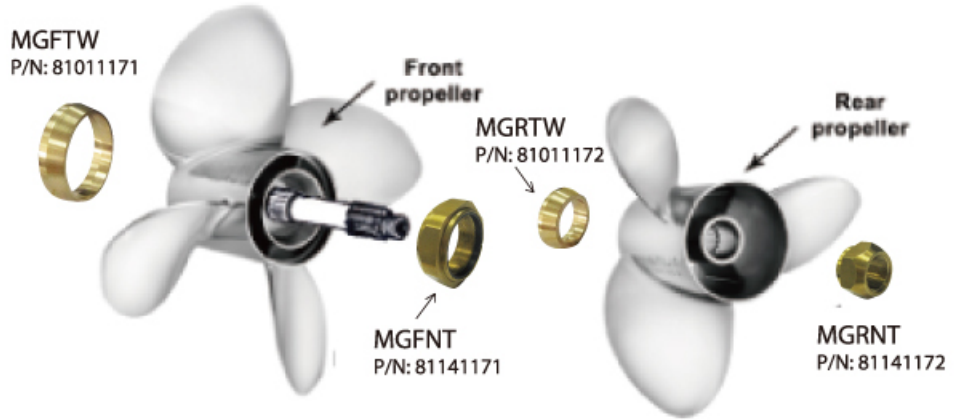
**APPLICATION CHART**

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

**YANMAR ZT350 and ZT370 Stern Drive**

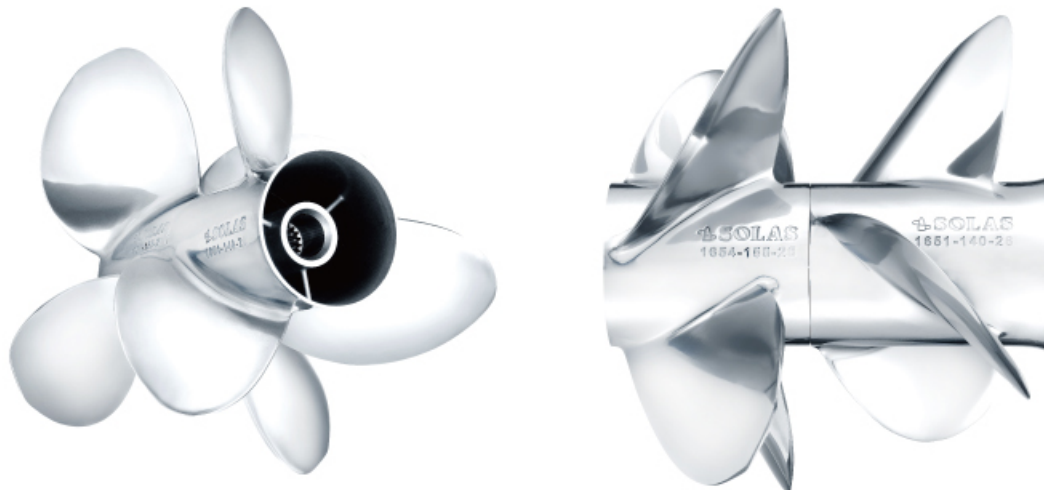
**B3** Stainless steel 3/4 blade Rubber Hub

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



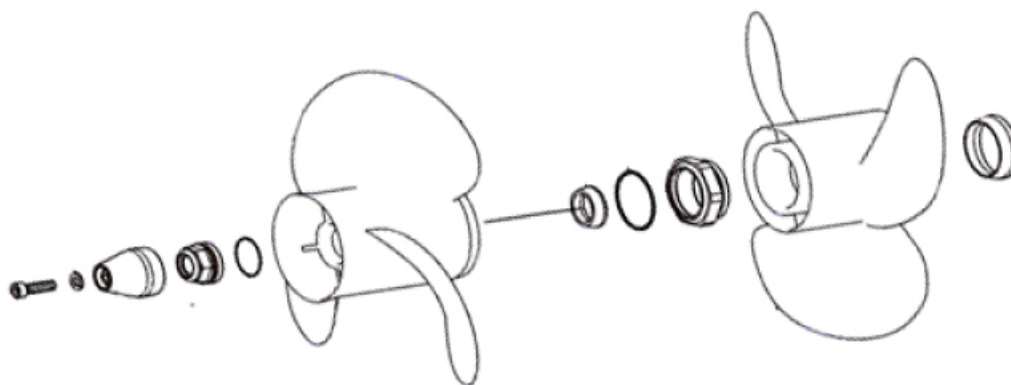
	Front Thrust Washer	Rear Thrust Washer	Front Nut	Rear Nut	
B3 BRAVO III					17017501
	MGFTW	MGRTW	MGFNT	MGRNT	

**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**

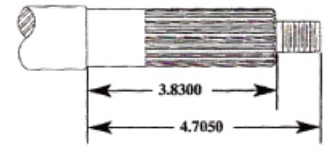


**Props may require special tools to install. Please consult OEM manual for proper installation and for torque specs. Use Yanmar Propeller hardware only.**

**● APPLICATION CHART ●**

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

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



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

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



**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



**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



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



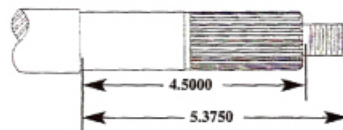
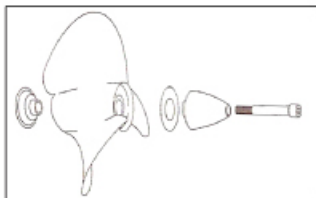
**AMITA 3** Aluminum 3 blade  
-E Plus Rubber Hub

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



**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



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

Prop hardware for pressed in hub propeller.



# **SOLAS**<sup>®</sup>

*Where Speed Begins*



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