



2024

PWC CATALOG

IMPELLER JET PUMP INTAKE GRATE



 **SOLAS®**
Where Speed Begins





About SOLAS

SOLAS was founded in 1985 by Dr. Solas Y.J. Lin. SOLAS is now one of the most well known and trusted names in outboard, stern drive propellers and personal watercraft impellers. 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 labor, cost effective material sourcing and a technologically advanced manufacturing facility to deliver the highest quality of products to our customers.



Dr. Solas Y. J. Lin



- We listen and care about the needs of our customers. Our passion is to ensure that our customers enjoy the latest advancements.
- SOLAS products are marketed on a global scale.
- SOLAS quality controls are of the highest standards in the impeller and propeller industry.



Designed for Champions

Over the years SOLAS has sponsored many well known professional personal watercraft riders. The valuable feedback we receive from our sponsored professionals are taken into account and evaluated by our research and development team.





Research and Development

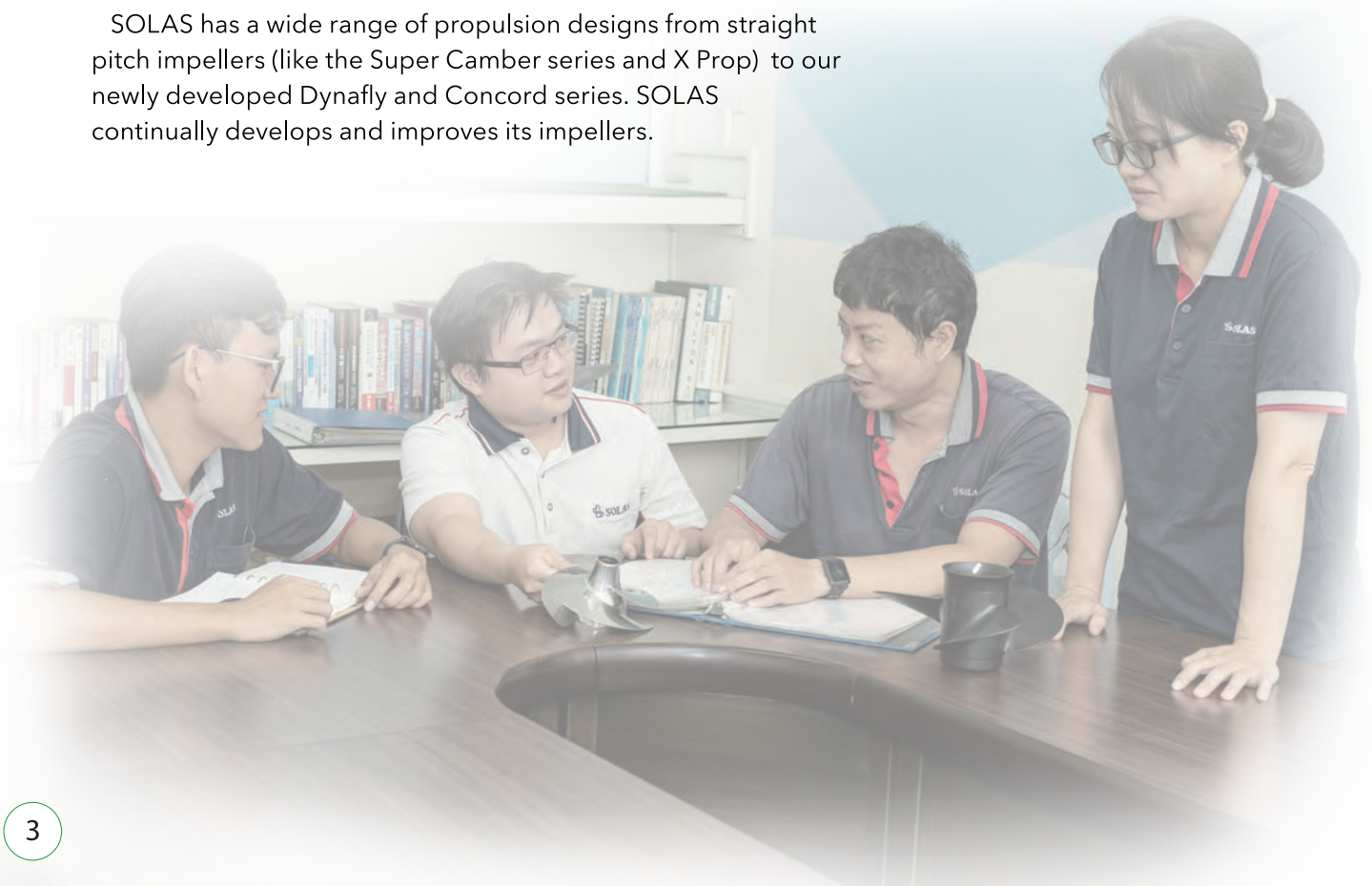
The SOLAS Research and Development Team have elevated Team SOLAS to be the world's largest manufacturer of propellers and impellers in the world. From propellers and impellers to high speed personal watercraft pump systems, SOLAS Research and Development has incorporated advanced production technology, and harsh field-testing into their designs.

With its CAD, CAM, and CAE capabilities, SOLAS continues to develop high performance products to suit our customers' needs. At SOLAS we are dedicated to manufacturing world-class marine propulsion systems.



Continuous Product Improvement

SOLAS has a wide range of propulsion designs from straight pitch impellers (like the Super Camber series and X Prop) to our newly developed Dynafly and Concord series. SOLAS continually develops and improves its impellers.



Quality Control System

SOLAS has implemented a strict quality assurance program which includes all aspects of our manufacturing process including product design, raw material inspection, production monitoring and distribution control. SOLAS has even set up a state of the art testing apparatus to ensure that these strict standards are met. To enhance customer satisfaction, data from these quality control testing procedures are further analyzed to improve future product design and production capability.

SOLAS is and remains certified by BSI, an award given only to the highest quality in manufacturing and production. SOLAS believes that continuous improvement and intensive research is necessary for our company and products to remain the best in the world. SOLAS is always willing to adapt and grow with our customers.



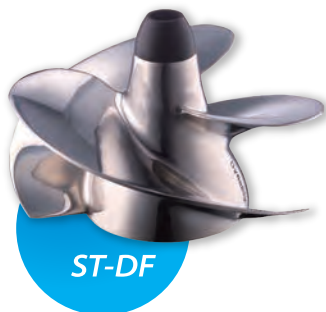
ISO 9001 / ISO 14001 CERTIFIED

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



Dynaflly -- Maximum Acceleration

Our new impeller is designed to give high compression ratio pumps a stronger acceleration with less cavitation. This impeller is capable of giving your PWC an incredible boost in its performance. The SOLAS product line includes Dynaflly impellers for the Kawasaki Ultra 150 pump and the Sea-Doo 951 pump. SOLAS also has developed new impellers for other pumps. Please check the application chart for further details.



X-prop - High Speed & Ultimate Performance

The SOLAS X prop gives you the most powerful propulsion in the water from an advanced design that incorporates a high compression hub and cambered blades. Enthusiasts looking for speed and acceleration from the novice to the professional, will be satisfied using this impeller. You can trust the harsh field testing of the X prop by Team SOLAS.



Concord - The Power Torque Series

With features like a large blade area and a unique geometric blade design, the SOLAS Concord Impeller delivers remarkable thrust and extraordinary efficiency. As four-stroke technology becomes mainstream in the PWC world, the Concord design truly enhances the engine characteristics, not only delivering incredible acceleration but also excellent top end performance. From water skiing to high speed cruising, this technologically advanced power torque design with its radial leading edge will offer everything you could ask for in an impeller.

SRX-CD



SR-CD



KG-CD



YS-CD



SXX Concord

With Solas innovative blade technology, this 3 blade radial edge SXX Concord impeller is designed specially for Sea-Doo 300HP watercraft. It produces explosive bottom end acceleration, great rough-water hook up and more top speed on this big machine with the most powerful horsepower at the moment.



The impeller, which comes with the watercraft, is made to work efficiently for a wide variety of users. SOLAS impellers, however, are manufactured of high-strength stainless steel, accompanied by a unique geometric blade design and state-of-the-art investment casting technique. If you are looking to get more top speed or bottom end out of your watercraft, this is when it is time to get a SOLAS impeller. The following are some basic yet important factors when upgrading your impeller:

- **Horsepower** The amount of horsepower is figured in with the weight, peak rpm level, and many other factors. It is important to note the overall load and top RPM the watercraft will have after tuning at the very least.
- **Weight** The more weight being carried, the more bottom end the watercraft will need to get on plane at a faster rate. Therefore pitch of the impeller would need to be reduced to limit the volume of water allowed to pass through the pump.
- **Pitch** Smaller pitches will improve acceleration and reduce top speed, yet increasing pitch will decrease acceleration while improving top speed. Combining smaller pitch at the leading edge of the blade with a larger pitch at the trailing edge, also known as Progressive Pitch, allows the impeller to grab water and catapult it back towards the pump, essentially giving you the best of both pitch styles.
- **Materials** Solas impellers are manufactured in stainless steel which allows for added strength and less weight than materials such as aluminum.
- **Blade Configuration** Overlapping blades allows impellers to have increased blade area, and thus increases vacuum and allows the impeller to pull more water in towards the pump.





High Performance JET PUMP

High Performance, durable, and affordable products are our commitment by Team SOLAS to our customers. With this commitment in mind, SOLAS proudly presents a new product line of jet pump series, for the personal watercraft market.

This new line of products is based on modern hydrodynamics design and intensive field testing from our SOLAS PWC racing champions. We are offering all-around high performance not only to professionals, but to our recreational PWC customers as well.



YJX-HSV-144/74
for YAMAHA



SX-PM161/83
for SEADOO



KGX-PM-148/74T
for KAWASAKI

For SEADOO Spark



SK-SV-140/75



SK-NZ-140



SK-SN-140

 Check P.19 ~ P.21 for detailed applications.

Intake Grates -- Ensure Maximum Flow

SOLAS' commitment to performance does not simply mean just speed. It means handling, dependability, durability, smooth operation, and much more. SOLAS intake grates are made of cast aluminum. Each is finished with an epoxy powder coating which makes SOLAS intake grates highly resistant to corrosion and abrasion.

Our airfoil section allows more water to flow consistently into the pump in order to eliminate cavitation and improved hook up ability. SOLAS offers several different models.





How to select impellers for your personal watercraft:

SOLAS is committed to producing personal watercraft impellers of the highest quality to provide the ultimate in PWC performance. SOLAS impellers are race proven around the world for their extreme durability and superior efficiency.

To provide your personal watercraft with the best possible performance, SOLAS offers the following guide to selecting the suitable impeller for your PWC:

Selection Consideration	Impeller Solution
Q1 Engine RPM is too high or is exceeding manufacturers' recommendations at full throttle.	A1 Increase impeller pitch.
Q2 Engine RPM is too low or not reaching its rated RPM at full throttle.	A2 Decrease impeller pitch.
Q3 High altitude operation.	A3 Decrease impeller pitch.
Q4 Cold weather operation.	A4 Increase impeller pitch.
Q5 Top speed and performance under all conditions.	A5 Increase or decrease impeller pitch to reach the manufacturer's recommended RPM at full throttle.



Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine	* LIMITED or MODIFIED Engine *			
1630	RXP-X 300 / RXT-X 300 GTX LIMITED 300	2016~	161mm	CONCORD	3	SXX-CD-13/18	SXX-CD-13/16	SXX-CD-14/19		
		2016~		CONCORD	4	SX4-CD-13/16	SX4-CD-11/16	SX4-CD-13/15		
	GTR 230 / GTX230 / WAKE PRO 230	2020~	161mm	CONCORD	4	SX4-CD-11/16	SX4-CD-13/16			
	GTX 130 / GTX SE 130 / GTX SE 170 GTX 170 / WAKE 170 / FISH PRO 170	2020~	155.5mm	CONCORD	4	Ⓢ SR-CD-11/15A(3BLADES)	Ⓢ SR-CD-10/18A	Ⓢ SR-CD-11/19A	Ⓢ SR-CD-12/20A	
1494	RXT-230 / GTX-230	2019~	161mm	CONCORD	4	SX4-CD-11/16	SX4-CD-13/16			
	GTR 230/GTX-X 230	2017~2019	161mm	CONCORD	4	SX4-CD-11/16	SX4-CD-13/16			
	WAKE PRO 230hp	2019~	161mm	CONCORD	3	SXX-CD-13/18	SXX-CD-13/16	SXX-CD-14/19		
		2019~		CONCORD	4	SX4-CD-13/16	SX4-CD-11/16			
	RXT IS 260 / RXT-X 260 RXT 260 / RXT-X as260	2009~	159mm	CONCORD	4	SRZ-CD-15/21A	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD-15/20A	SRZ-CD-16/21A
	GTX LTD IS 255 / GTX LTD IS 260	2009~		CONCORD	4	SRZ-CD-15/21A	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD-15/20A	SRZ-CD-16/21A
	RXP-X 255 / RXP-X 260	2009~2015		CONCORD	4	SRZ-CD-15/21A	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD-15/20A	SRZ-CD-16/21A
	RXP(215HP)	2009~2010		CONCORD	4	SRZ-CD-14/19A	SRZ-CD-13/18A	SRZ-CD-15/20A	SRZ-CD-15/21A	SRZ-CD-16/21A
	RXT(215HP)	2009~2010		CONCORD	4	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD-15/20A	SRZ-CD-15/21A	SRZ-CD-16/21A
	WAKE PRO(215hp) / WAKE PRO(230hp)	2009~2018		CONCORD	4	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD-15/20A	SRZ-CD-15/21A	SRZ-CD-16/21A
	GTX 215 / GTX IS 215 GTX LTD 215 / GTX LTD 230	2009~2018		CONCORD	4	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD-15/20A	SRZ-CD-15/21A	SRZ-CD-16/21A
	GTR(215HP)	2012~2016		CONCORD	4	SRZ-CD-14/19A	SRZ-CD-13/18A	SRZ-CD-15/20A	SRZ-CD-15/21A	SRZ-CD-16/21A
	RXP-X	2008		CONCORD	4	SRX-CD-15/21	SRX-CD-13/18	SRX-CD-14/19	SRX-CD-15/20	SRX-CD-16/21
	RXT-X	2008		CONCORD	4	SRX-CD-14/19	SRX-CD-13/18	SRX-CD-15/20	SRX-CD-15/21	SRX-CD-16/21
	RXP(215HP)	2004~2009		CONCORD	4	SRX-CD-14/19	SRX-CD-13/18	SRX-CD-15/20	SRX-CD-15/21	SRX-CD-16/21
	RXT(215HP)	2005~2009		CONCORD	4	SRX-CD-13/18	SRX-CD-14/19	SRX-CD-15/20	SRX-CD-15/21	SRX-CD-16/21
	GTX Limited(215HP)	2005~2009		CONCORD	4	SRX-CD-13/18	SRX-CD-14/19	SRX-CD-15/20	SRX-CD-15/21	SRX-CD-16/21
	WAKE SUPERCHARGED(215HP)	2007~2016		CONCORD	4	SRX-CD-13/18	SRX-CD-14/19	SRX-CD-15/20	SRX-CD-15/21	SRX-CD-16/21
	GTX 4-tech Limited Supercharge(185HP)	2003~2004		CONCORD	4	SR-CD-12/20	SR-CD-10/18	SR-CD-11/19	SR-CD-13/21	
	GTX 4-tech Supercharge(185HP)	2003~2006		CONCORD	4	SR-CD-12/20	SR-CD-10/18	SR-CD-11/19	SR-CD-13/21	
	RXP(155HP)	2007~2008		CONCORD	4	SR-CD-11/19	SR-CD-10/18	SR-CD-12/20	SR-CD-13/21	
	GTS 130 / GTS PRO 130	2011~2016		CONCORD	4	Ⓢ SR-CD-11/19A	Ⓢ SR-CD-10/18A	Ⓢ SR-CD-12/20A		
	wake(155HP)	2009~2019		CONCORD	4	Ⓢ SR-CD-11/19A	Ⓢ SR-CD-10/18A	Ⓢ SR-CD-12/20A		
		2008		CONCORD	4	SR-CD-11/19	SR-CD-10/18	SR-CD-12/20	SR-CD-13/21	
	GTX 155	2009 & 2018~2019	155.5mm	CONCORD	4	Ⓢ SR-CD-11/19A	Ⓢ SR-CD-10/18A	Ⓢ SR-CD-12/20A		
		2002~2008		CONCORD	4	SR-CD-11/19	SR-CD-10/18	SR-CD-12/20	SR-CD-13/21	
	GTX 155 / GTX S 155	2010~2017		CONCORD	4	SRB-CD-11/19				
	GTX LTD 155 / GTX SE 155	2009~2019		CONCORD	4	Ⓢ SR-CD-10/18A	Ⓢ SR-CD-11/19A	Ⓢ SR-CD-12/20A		
		2008		CONCORD	4	SR-CD-10/18	SR-CD-11/19	SR-CD-12/20	SR-CD-13/21	
	GTX / GTX SE 130 / GTX SE / GTX STD GTX 4-TEC SE / GTX 4-TEC STD / GTX 130	2009~2019		CONCORD	4	Ⓢ SR-CD-10/18A	Ⓢ SR-CD-11/19A	Ⓢ SR-CD-12/20A		
		2006~2008		CONCORD	4	SR-CD-10/18	SR-CD-11/19	SR-CD-12/20	SR-CD-13/21	

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Lower pitch than stock can be used for high altitude or high temperature application where H.P is lost when applicable

Lower pitch than stock can be used for watercraft with reflashed ECU that increases rev limiter for more rpm than stock when applicable

Higher pitch than stock can be used for modified watercraft with higher HP than stock



Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine	* LIMITED or MODIFIED Engine *			
951	RXX	2001-2002	148mm	CONCORD	3	KG-CD-15/21	KG-CD-14/21	KG-CD-16/22		
	XP / XP DI	2000-2004		CONCORD	3	ST-CD-15/20	ST-CD-10/16	ST-CD-14/19	ST-CD-16/21	
				DYNAFLY	3	ST-DF-13/19	ST-DF-12/18	ST-DF-14/20		
	RX / RX DI	2000-2003		CONCORD	3	ST-CD-15/20	ST-CD-10/16	ST-CD-14/19	ST-CD-16/21	
				DYNAFLY	3	ST-DF-13/19	ST-DF-12/18	ST-DF-14/20		
	GTX/GTX DI	2000-2003	155.5mm	CONCORD	3	ST-CD-15/20	ST-CD-10/16	ST-CD-14/19	ST-CD-16/21	
				DYNAFLY	3	ST-DF-13/19	ST-DF-12/18	ST-DF-14/20		
	GSX Ltd. / GTX Ltd. / XP Ltd.	98-99		CONCORD	3	ST-CD-15/20	ST-CD-10/16	ST-CD-14/19	ST-CD-16/21	
900	LRV / LRV DI	99-2003		X Prop	3	ST-SC-X(14.5-17.5)	ST-SC-X(15.5-18.5)			
				CONCORD	3	ST-CD-14/19	ST-CD-10/16	ST-CD-15/20	ST-CD-16/21	
				X Prop	3	ST-SC-X(14.5-17.5)	ST-SC-X(15.5-18.5)			
				CONCORD	3	SG-CD-10/16				
782	GTI 90/GTS 90	2017-	150mm	CONCORD	3	SK-CD-12/17	SK-CD-12/14	SK-CD-13/18		
	SPARK ACE 900 / SPARK ACE 900 HO SPARK TRIXX	2014-	140mm	CONCORD	3					
	3D / 3D BASE	2005-2007	155.5mm	CONCORD	3	ST-CD-10/16	ST-CD-14/19	ST-CD-15/20	ST-CD-16/21	
	GSX RFI / GTX RFI	99-2000	140mm	CONCORD	3	SF-CD-15/23	SF-CD-16/24	SF-CD-17/25		
720	XP / SPX / GSX	96-98		CONCORD	3	SD-CD-15/23	SD-CD-13/21	SD-CD-14/22	SD-CD-16/24	SD-CD-17/25
				X Prop	3	SD-SC-X(16.5-23.5)	SD-SC-X(16-23)	SD-SC-X(17-24)		
	GTX / GTX PRO	96-98	140mm	CONCORD	3	SD-CD-14/22	SD-CD-13/21	SD-CD-15/23	SD-CD-16/24	SD-CD-17/25
				X Prop	3	SD-SC-X(16.5-23.5)	SD-SC-X(16-23)	SD-SC-X(17-24)		
720	GTI / GTI LE / GTI RFI	2001-2005	155.5mm	CONCORD	3	ST-CD-10/16	ST-CD-14/19	ST-CD-15/20	ST-CD-16/21	
	GTS	2001-2002		CONCORD	3	ST-CD-10/16	ST-CD-14/19	ST-CD-15/20	ST-CD-16/21	
	XP / SPX	95-97		CONCORD	3	SD-CD-14/22	SD-CD-13/21	SD-CD-15/23	SD-CD-16/24	SD-CD-17/25
				X Prop	3	SD-SC-X(16.5-23.5)	SD-SC-X(16.5-23.5)	SD-SC-X(17-24)		
	GS / GSI	99-2001		CONCORD	3	SF-CD-15/23	SF-CD-16/24	SF-CD-17/25		
		97-98		CONCORD	3	SD-CD-14/22	SD-CD-13/21	SD-CD-15/23	SD-CD-16/24	SD-CD-17/25
				X Prop	3	SD-SC-X(16.5-23.5)	SD-SC-X(16.5-23.5)	SD-SC-X(17-24)		
	GTI / GTS	99-2001		CONCORD	3	SF-CD-15/23	SF-CD-16/24	SF-CD-17/25		
		97-98		CONCORD	3	SD-CD-14/22	SD-CD-13/21	SD-CD-15/23	SD-CD-16/24	SD-CD-17/25
				X Prop	3	SD-SC-X(16.5-23.5)	SD-SC-X(16.5-23.5)	SD-SC-X(17-24)		
HX		95~		X Prop	3	SD-SC-X(16-23)	SD-SC-X(16.5-23.5)	SD-SC-X(17-24)		

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Lower pitch than stock can be used for watercraft with reflashed ECU that increases rev limiter for more rpm than stock when applicable

Higher pitch than stock can be used for modified watercraft with higher HP than stock



SG-CD-10/16

for GTI 90 / GTS 90 2017~
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Engine cc	Model	Horse Power	Year	Pump Diameter	Series	Blades	STOCK Engine
4-TEC / 1494cc	205 Utopia / Utopia SE	2 X 215HP	2007~	159mm	CONCORD	4	SRX-CD-14/19
	180 Challenger / Challenger SE	215 HP	2007~	159mm	CONCORD	4	SRX-CD-14/19
		2 X 215HP	2007~	159mm	CONCORD	4	SRX-CD-14/19
	230 Challenger / Challenger SE	2 X 155HP	2010~	155.5mm	CONCORD	4	SR-CD-11/19A
			2007~2009	155.5mm	CONCORD	4	SR-CD-11/19
	230 Wake	2 X 215HP	2007~	159mm	CONCORD	4	SRX-CD-14/19
	210 Wake		2010~	155.5mm	CONCORD	4	SR-CD-11/19A
	230 Wake	2 X 155HP	2007~2009	155.5mm	CONCORD	4	SR-CD-11/19
	Islandia SE	2 X 215HP	2008~2009	159mm	CONCORD	4	SRX-CD-14/19
		2 X 155HP	2007	155.5mm	CONCORD	4	SR-CD-11/19
		215 HP	2007~	159mm	CONCORD	4	SRX-CD-14/19
	SPEEDSTER 150		2010~	155.5mm	CONCORD	4	SR-CD-11/19A
		155HP	2007~2009	155.5mm	CONCORD	4	SR-CD-11/19
	SPEEDSTER 200	2 X 215HP	2007~	159mm	CONCORD	4	SRX-CD-14/19
951	Sportster LE DI		2000-2005	155.5mm	CONCORD	3	ST-CD-15/20
	Speedster		98-99		CONCORD	3	SF-CD-15/23
	Challenger 1800		97-99	140mm	CONCORD	3	SD-CD-15/23
					X Prop	3	SD-SC-X(16.5-23.5)
780	Challenger		95-97		X Prop	3	SD-SC-X(16.5-23.5)
	Speedster SK		99		X Prop	3	SD-SC-X(16-23)
720(2)	Speedster 1800		99		X Prop	3	SD-SC-X(16-23)
	Sportster LT		2002		X Prop	3	SD-SC-X(16-23)
	Challenger		98-2001	140mm	X Prop	3	SD-SC-X(16-23)
	Speedster		96-97		X Prop	3	SD-SC-X(16-23)
720	Explorer		97		X Prop	3	SD-SC-X(16-23)
	Sportster		95-98		X Prop	3	SD-SC-X(16-23)

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* FOR DIFFERENT PITCHES, CHECK P.11 FOR SEADOO IMPELLERS



YAMAHA is a registered trademark of Yamaha Corporation.

Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine	* LIMITED or MODIFIED Engine *		
1812	GP1800 SVHO	2016~	160mm	CONCORD	3	YV-CD-13/20	YV-CD-13/18	YV-CD-14/21	
	GP1800 HO	2020~	155mm	CONCORD	3	YS-CD-13/19	YS-CD-13/22	YS-CD-14/23	
	VX CRUISER HO	2016~	155mm	CONCORD	3	YS-CD-13/19	YS-CD-13/22	YS-CD-14/23	
	FX SVHO / FX CRUISER SVHO /FX LIMITED SVHO	2014~	160mm	CONCORD	3	YV-CD-13/20	YV-CD-13/18	YV-CD-14/21	
	FX HO / FX CRUISER HO	2009~	155mm	CONCORD	3	YS-CD-13/19	YS-CD-13/22	YS-CD-14/23	
	VXR/ VXS	2011~	155mm	CONCORD	3	YS-CD-13/19	YS-CD-13/22	YS-CD-14/23	
	FZR / FZS	2014~2016	160mm	CONCORD	3	YV-CD-13/20	YV-CD-13/18	YV-CD-14/21	
		2008~2013	155mm	DYNAFLY	3	YS-DF-14/21	YS-DF-15/22		
				CONCORD		YS-CD-13/22	YS-CD-13/19	YS-CD-14/23	
FX SHO / FX CRUISER SHO	2008~	155mm	DYNAFLY	3	YS-DF-14/21	YS-DF-15/22			
			CONCORD		YS-CD-13/22	YS-CD-13/19	YS-CD-14/23		
1300	Wave Runner GP1300R, GP1300	2005~2008	155mm	DYNAFLY	3	YG-DF-14/20	YG-DF-09/13	YG-DF-15/22	
		2003-2004		CONCORD	3	YF-CD-13/19	YF-CD-11/14	YF-CD-12/18	YF-CD-14/20
1200	Wave Runner XLT 1200	99-2005	155mm	CONCORD	3	YF-CD-12/18	YF-CD-11/14	YF-CD-13/19	YF-CD-14/20
	Wave Runner GP1200R	2000-2002		CONCORD	3	YF-CD-13/19	YF-CD-11/14	YF-CD-12/18	YF-CD-14/20
	Wave Runner SUV1200	99-2004		CONCORD	3	YF-CD-12/18	YF-CD-11/14	YF-CD-13/19	YF-CD-14/20
	Wave Runner XL1200	98-99		CONCORD	3	YF-CD-12/18	YF-CD-11/14	YF-CD-13/19	YF-CD-14/20
	Wave Runner GP1200	97-99		CONCORD	3	YD-CD-13/19	YD-CD-11/14	YD-CD-12/18	
				X Props	3	YD-SC-X0(14.5-17.5)	YD-SC-X(13-16)		
	Wave Runner GP1200R	99		CONCORD	3	YD-CD-13/19	YD-CD-11/14	YD-CD-12/18	
			X Props	3	YD-SC-X0(14.5-17.5)	YD-SC-X(13-16)			
1100	Wave Raider 1100 / Wave Venture 1100	95-97	155mm	CONCORD	3	YD-CD-12/18	YD-CD-11/14	YD-CD-13/19	
				X Props	3	YD-SC-X(13-16)	YD-SC-X0(14.5-17.5)		
1052	FX High Output	2004~2008	155mm	DYNAFLY	3	YG-DF-14/20	YG-DF-09/13	YG-DF-15/22	
	FX CRUISER High Output	2004~2008		DYNAFLY	3	YG-DF-14/20	YG-DF-09/13	YG-DF-15/22	
	VX / VX sport / VX Deluxe / VX Crusier	2005~2015		CONCORD	3	YH-CD-18/22			
	V1 / V1 SPORT	2015		CONCORD	3	YH-CD-18/22			
	SUPERJET	2021~	144	CONCORD	3	YJ-CD-14/17	YJ-CD-12/17	YJ-CD-12/20	
1049	Jet Blaster	2022~	144mm	CONCORD	3	YX-CD-12/17			
	EXR	2019~	144mm	CONCORD	3	YX-CD-12/17			
	EX/ EX DELUXE/ EX SPORT	2017~	144mm	CONCORD	3	YJ-CD-12/20	YJ-CD-12/17	YJ-CD-14/17	
	VX LIMITED/VX CRUISER/VX DELUXE/VX	2016~	155mm	DYNAFLY	3	YG-DF-09/13	YG-DF-14/20	YG-DF-15/22	
	V1 / V1 SPORT	2016		DYNAFLY	3	YG-DF-09/13	YG-DF-14/20	YG-DF-15/22	
998	FX-140 / FX / FX Cruiser	2003~2008	155mm	CONCORD	3	YF-CD-12/18	YF-CD-11/14	YF-CD-13/19	YF-CD-14/20
800	Wave Runner GP800R	2001-2005	155mm	CONCORD	3	YF-CD-11/14	YF-CD-12/18	YF-CD-13/19	YF-CD-14/20
	Wave Runner XL800/XLT800	2000-2004		CONCORD	3	YF-CD-11/14	YF-CD-12/18	YF-CD-13/19	YF-CD-14/20
	Wave Runner GP800	98-2000	144mm	CONCORD	3	YB-CD-13/17 YB-CD-13/17A	YB-CD-14/18	YB-CD-15/19	YB-CD-16/20
				X Props	3	YB-SC-X0(15.5-18.5)	YB-SC-X(15-18)	YB-SC-XI(16-19)	
760	Wave Runner GP760	97-2000	144mm	CONCORD	3	YB-CD-13/17 YB-CD-13/17A	YB-CD-14/18	YB-CD-15/19	YB-CD-16/20
				X Props	3	YB-SC-X(15-18)	YB-SC-X0(15.5-18.5)	YB-SC-XI(16-19)	
	Wave Runner XL760 / Wave Venture 760	97-99	155mm	CONCORD	3	YD-CD-11/14	YD-CD-12/18	YD-CD-13/19	YD-CD-14/20
				X Props	3	YD-SC-X(13-16)	YD-SC-X0(14.5-17.5)		
	Wave Blaster II	96-97		CONCORD	3	YD-CD-11/14	YD-CD-12/18	YD-CD-13/19	YD-CD-14/20
			X Props	3	YD-SC-X(13-16)	YD-SC-X0(14.5-17.5)			
701	VX 700	2006~	155mm	CONCORD	3	YH-CD-11/14			
	Wave Raider 700 / Wave Raider Deluxe Venture	94-97	144mm	CONCORD	3	YB-CD-13/17 YB-CD-13/17A	YB-CD-14/18	YB-CD-15/19	YB-CD-16/20
				X Props	3	YB-SC-X(15-18)	YB-SC-X0(15.5-18.5)	YB-SC-XI(16-19)	
	Wave Blaster / Wave Runner III GP / Pro VXR	93-97		CONCORD	3	YB-CD-13/17 YB-CD-13/17A	YB-CD-14/18	YB-CD-15/19	YB-CD-16/20
				X Props	3	YB-SC-X(15-18)	YB-SC-X0(15.5-18.5)	YB-SC-XI(16-19)	
	SuperJet (FREESTYLE APPLICATION)	2008~2020	CONCORD	3	YQ-CD-09/15	YQ-CD-10/16			
	SuperJet	2008~2020	CONCORD	3	YQ-CD-12/18	YQ-CD-13/19			
	94-2007	CONCORD	3	YB-CD-13/17 YB-CD-13/17A	YB-CD-14/18	YB-CD-15/19	YB-CD-16/20		
	Wave Runner XL700	99-2004	155mm	CONCORD	3	YD-CD-11/14	YD-CD-12/18	YD-CD-13/19	YD-CD-14/20

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Higher pitch than stock can be used for modified watercraft with higher HP than stock

Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine
1200(2)	Exciter 270	98-2000	155mm	X Props	3	YD-SC-X(13-16)
1200(2)	LS2000 / LX2000	1999-2002		CONCORD	3	YD-CD-12/18
				X Props	3	YD-SC-X(13-16)
1200(2)	LX210	2003-2005		CONCORD	3	YD-CD-12/18
				X Props	3	YD-SC-X(13-16)
				CONCORD	3	YD-CD-12/18
1200(2)	AR210	2004-2005	155mm	X Props	3	YD-SC-X(13-16)
				CONCORD	3	YD-CD-12/18
				X Props	3	YD-SC-X(13-16)
1200(2)	XR1800	2000-2001		CONCORD	3	YF-CD-13/19
				X Props	3	YF-SC-X(13-16)
				CONCORD	3	YF-CD-12/18
998(2)	SX 230 / SR 230 / AR 230	2004-2005	155mm	X Props	3	YF-SC-X(13-16)
1052(2)	SX210 / AR210 / SR210	2006~2015	155mm	DYNAFLY	3	YG-DF-14/20
	SX230 / AR230 / SR 230	2006		CONCORD	3	YF-CD-13/19
	SX230 HO / AR230 HO / SR 230 HO	2005~2009		DYNAFLY	3	YG-DF-14/20

* FOR DIFFERENT PITCHES, CHECK P.13 FOR YAMAHA IMPELLERS

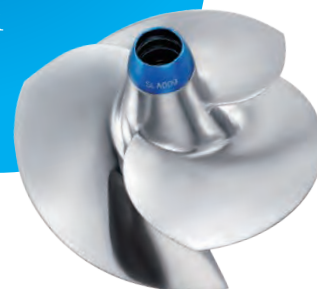
YX-Concord

for
EXR 2019~



YJ-Concord

for
EX/EX DELUXE/EX SPORT 2017~
SUPERJET 2021



Mercury Sport Jet IMPELLERS

Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine
90 HP	90 Jet (Spline)	1993-1995	184mm	CONCORD	3	MB-SC-A
175 HP	175 XR2 Jet	1997-2000		CONCORD	3	MC-CD-18/27
Mercury V6 250HP 240HP 210HP 200HP (M2 Jet)	Speedster	2000-2002		CONCORD	4	MC-CD-22/39
	Speedster SK	2000		CONCORD	4	MC-CD-22/39
	Speedster 160	2004		CONCORD	4	MC-CD-22/39
	Challenger 1800	2000-2005		CONCORD	4	MC-CD-22/39
	Challenger 2000	2000-2005		CONCORD	4	MC-CD-22/39
	Challenger X	2004-2005		CONCORD	4	MC-CD-22/39
	Sportster 1800	2000		CONCORD	4	MC-CD-22/39
	Utopia 205	2002-2005		CONCORD	4	MC-CD-22/39
	Utopia 185	2001-2005		CONCORD	4	MC-CD-22/39
	Islandia	2001-2005		CONCORD	4	MC-CD-22/39



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 Sport Jet model jet drive."

Kawasaki IMPELLERS

Kawasaki is a registered trademark of Kawasaki Motors Crop. USA

Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine	* LIMITED or MODIFIED Engine *			
1498	ULTRA 310X/310X SE/310LX/310R	2014~	160mm	CONCORD	3	KR-CD-14/21	KR-CD-15/22			
	ULTRA 300X / 300LX	2011~2013	160mm	CONCORD	3	KR-CD-14/21	KR-CD-15/22			
	ULTRA 260X/260LX	2009~2010		CONCORD	3	KX-CD-15/23	KX-CD-16/21	KX-CD-16/24		
	ULTRA 250X	2007~2008	155mm	CONCORD	3	KX-CD-15/23	KX-CD-16/21	KX-CD-16/24		
	ULTRA LX	2007~		CONCORD	3	KX-CD-10/16				
	STX-15F	2004~	148mm	CONCORD	3	KG-CD-14/21	KG-CD-13/19	KG-CD-14/20	KG-CD-15/21	KG-CD-16/22
	SX-R	2017~	148mm	CONCORD	3	KGX-CD-15/20	KGX-CD-12/16			
1199	STX-12F	2003~2007	148mm	CONCORD	3	KG-CD-13/19	KG-CD-11/17	KG-CD-12/18	KG-CD-14/20	KG-CD-14/21
1176	ULTRA 150	99-2005	Tapered	DYNAFLY	3	KH-DF-16/20	KH-DF-17/21			
	1200 STX-R	2002-2005	148mm	CONCORD	3	KG-CD-15/21	KG-CD-14/20	KG-CD-14/21	KG-CD-16/22	
				DYNAFLY	3	KG-DF-13/25	KG-DF-14/26			
1071	1100 STX DI	2000-2003	149mm	CONCORD	3	KG-CD-13/19	KG-CD-11/17	KG-CD-12/18	KG-CD-14/20	KG-CD-14/21
		X Props		3	KG-SC-X(16.5-24)					
	1100 STX	97-99	CONCORD	3	KG-CD-13/19	KG-CD-11/17	KG-CD-12/18	KG-CD-14/20	KG-CD-14/21	
		X Props	3	KG-SC-X(16.5-24)						
	1100 ZXi	96-2003	148mm	CONCORD	3	KG-CD-13/19	KG-CD-11/17	KG-CD-12/18	KG-CD-14/20	KG-CD-14/21
			148mm	X Props	3	KG-SC-X(16.5-24)				
891	900 STX	2003-2006	148mm	CONCORD	3	KG-CD-12/18	KG-CD-11/17	KG-CD-13/19	KG-CD-14/20	
	900 STX / STS / ZXi	95-2002	140mm	X Props	3	KF-SC-X(16-23)				
782	800 SX-R	2003~2011	140mm	DYNAFLY	3	KP-DF-13/22	KP-DF-14/23	KP-DF-15/24		
743	750 Sxi Pro	95-2002	140mm	CONCORD	3	KE-CD-09/15	KE-CD-11/16	KE-CD-12/18		
		X Props		3	KE-SC-X(14-21)	KE-SC-XI(16-23)				
	750 STS	95~97		CONCORD	3	KE-CD-11/16	KE-CD-09/15	KE-CD-12/18		
		X Props		3	KE-SC-X(14-21)	KE-SC-XI(16-23)				
	750 Xi Sport	93-96		CONCORD	3	KE-CD-11/16	KE-CD-09/15	KE-CD-12/18		
		X Props		3	KE-SC-X(14-21)	KE-SC-XI(16-23)				
	750 ZXi	95-97		CONCORD	3	KE-CD-11/16	KE-CD-09/15	KE-CD-12/18		
		X Props		3	KE-SC-X(14-21)	KE-SC-XI(16-23)				
	750 SS	92-97		CONCORD	3	KE-CD-09/15	KE-CD-11/16	KE-CD-12/18		
	750 SXi	95-96		CONCORD	3	KE-CD-11/16	KE-CD-09/15	KE-CD-12/18		
	750 SX	92-95		CONCORD	3	KE-CD-11/16	KE-CD-09/15	KE-CD-12/18		
	750 XiR	94		CONCORD	3	KE-CD-11/16	KE-CD-09/15	KE-CD-12/18		
	750 ST	94-95	CONCORD	3	KE-CD-11/16	KE-CD-09/15	KE-CD-12/18			

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Higher pitch than stock can be used for modified watercraft with higher HP than stock



HONDA IMPELLERS

Honda is a registered trademark of Honda Motors Co., Inc.

Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine	* LIMITED or MODIFIED Engine *
1235	R-12X	2004-2007	155mm	CONCORD	3	HA-CD-17/29	HA-CD-18/30
	F-12X / F-12X GPScape	2002-2004		CONCORD	3	HA-CD-17/29	HA-CD-18/30
	R-12	2002-2004		CONCORD	3	HA-CD-09/18	
	F-12	2002-2004		CONCORD	3	HA-CD-09/18	

POLARIS IMPELLERS

Polaris is a registered trademark of Polaris Industries Inc.

Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine	* LIMITED or MODIFIED Engine *		
750	MSX 150	2003-2004	148mm	CONCORD	3	PA-CD-13/19	PA-CD-12/18	PA-CD-14/20	PA-CD-15/21
	MSX 110	2003-2004		CONCORD	3	PA-CD-12/18	PA-CD-13/19	PA-CD-14/20	PA-CD-15/21
1192	MSX 140	2003-2004	148mm	CONCORD	3	PA-CD-15/21	PA-CD-12/18	PA-CD-13/19	PA-CD-14/20
1165	Pro 1200	2000-2002	148mm	CONCORD	3	PA-CD-15/21	PA-CD-12/18	PA-CD-13/19	PA-CD-14/20
				X props	3	PA-SC-X0(16.5-23)	PA-SC-X(14-21)	PA-SC-XI(17-24)	
	VIRAGE TX / VIRAGE Txi	2000-2002		CONCORD	3	PA-CD-15/21	PA-CD-12/18	PA-CD-13/19	PA-CD-14/20
				X props	3	PA-SC-X0(16.5-23)	PA-SC-X(14-21)	PA-SC-XI(17-24)	
	Genesis FFI,	2000		X props	3	PA-SC-X0(16.5-23)	PA-SC-X(14-21)	PA-SC-XI(17-24)	
	Genesis / Genesis i	99-2004		X props	3	PA-SC-X0(16.5-23)	PA-SC-X(14-21)	PA-SC-XI(17-24)	
1050	SL / SLX / SLXH / SLTX 1050	97-98	148mm	CONCORD	3	PA-CD-14/20	PA-CD-12/18	PA-CD-13/19	PA-CD-15/21
				X props	3	PA-SC-X(14-21)	PA-SC-X0(16.5-23)	PA-SC-XI(17-24)	
900	SL900	96-97	148mm	CONCORD	3	PA-CD-13/19	PA-CD-12/18	PA-CD-14/20	PA-CD-15/21
				X props	3	PA-SC-X(14-21)	PA-SC-X0(16.5-23)	PA-SC-XI(17-24)	
779	SLX Pro 785 / SL780 / SLT 780	96-2001	148mm	CONCORD	3	PA-CD-12/18	PA-CD-13/19	PA-CD-14/20	PA-CD-15/21
				X props	3	PA-SC-X(14-21)	PA-SC-X0(16.5-23)	PA-SC-XI(17-24)	
777	VIRAGE I	2002-2004	148mm	CONCORD	3	PA-CD-12/18	PA-CD-13/19	PA-CD-14/20	PA-CD-15/21
	OCTANE	2002-2004		CONCORD	3	PF-CD-15/23			
744	SL 750 / SLT 750 / SL750	94-95	148mm	CONCORD	3	PA-CD-12/18	PA-CD-13/19	PA-CD-14/20	PA-CD-15/21
700	VIRAGE / FREEDOM	2000-2004	148mm	CONCORD	3	PA-CD-12/18	PA-CD-13/19	PA-CD-14/20	PA-CD-15/21
	SLH	98-2001		CONCORD	3	PA-CD-12/18	PA-CD-13/19	PA-CD-14/20	PA-CD-15/21
	SL 700DLX / SL700 / Hurricane	96-97		CONCORD	3	PA-CD-12/18	PA-CD-13/19	PA-CD-14/20	PA-CD-15/21

TIGERSHARK IMPELLERS

TIGERSHARK is a registered trademark of Tigershark Co., Inc.

Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine	* LIMITED or MODIFIED Engine *		
1100	TS 1100R / TS 1100LI	99	148mm	CONCORD	3	PA-CD-14/20	PA-CD-12/18	PA-CD-13/19	PA-CD-15/21

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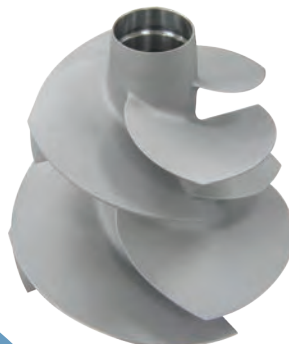
• TWIN IMPELLERS •

FLY Series

Impellers for Flyboard



SEA DOO is a registered trademark of Bombardier Recreational Products Inc.



SX-FY-09/14



SRZ-FY-09/14



YAMAHA is a registered trademark of Yamaha Corporation.



YV-FY-09/14



YS-FY-09/14



• TWIN IMPELLERS •

TP Series

Recommended for Performance Use

☀ For Flyboard use FLY Series impellers



SEA DOO is a registered trademark of Bombardier Recreational Products Inc.



SX4-TP-13/16

for

RXP-300 / RXT-X 300 / GTX LIMITED 300
2016~



SRZ-TP-15/21A

for

RXP-X 260 2012~
RXT IS 260 / RXT-X 260 2009~
RXT 260 / RXT-X aS260 2009~
GTX LTD IS 255 2009~
GTX LTD IS 260 2009~
RXP-X 255 2009~



YAMAHA is a registered trademark of Yamaha Corporation.



YV-TP-12/18, YV-TP-12/20

for

FX SVHO / FX CRUISER SVHO 2014
FZR/FZS 2014~



YS-TP-14/23

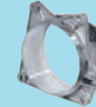
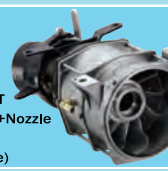
for

FZR / FZS 2008-2013 (155mm)



Engine cc	Model	Year	Impeller Application	Recommended SOLAS Pump	Remark	
1630	RXP-X 300	2016~	SOLAS SXX CONCORD SOLAS SX4 CONCORD	SX-PM-161/83 (HSV+Nozzle) 	14 VANE Diameter = 161mm Hub size = 83mm	
	RXT-X 300	2016~				
1494	RXP-X(255HP,260HP)	2008-2015	SOLAS SRZ IMPELLER	SRZ-PM-159/83 (HSV+Nozzle) 	14 VANE Diameter = 159mm Hub size = 83mm	
	RXT-X(255HP,260HP)	2009~				
	GTX LIMITED IS 260	2009~				
1630	RXP-X 300 / RXT-X 300 GTX LIMITED 300	2016~	SOLAS SXX CONCORD SOLAS SX4 CONCORD	SX-HS-161 (Original Wear Ring Replacement) 	Diameter = 161mm	
	GTR 230 / GTX230 / WAKE PRO 230	2020~	SOLAS SX4 CONCORD			
1494	RXT-230 / GTX-230	2019	SOLAS SXX CONCORD SOLAS SX4 CONCORD	SX-HS-161 (Original Wear Ring Replacement) 	Diameter = 161mm	
	GTR 230/GTR-X 230	2017~2019				
	WAKE PRO 230hp	2019	SOLAS SRX IMPELLER SOLAS SRZ IMPELLER	SRX-HS-159-002 (Original Wear Ring Replacement) 	Diameter = 159mm	
	RXP-X(255HP,260HP)	2008~2015				
	RXT-X(255HP,260HP)	2008~				
	RXP(215HP)	2004-2010				
	RXT(215HP)	2005-2010	SOLAS SR IMPELLER	SR-HS-156-001 (Original Wear Ring Replacement) 	Diameter = 156mm	
	GTX Limited(215HP)	2005-				
	WAKE SUPERCHARGED(215HP)	2007-				
	GTX 4-tech Limited Supercharge(185HP)	2003-2004				
	GTX 4-tech Supercharge(185HP)	2003-2006				
	GTS SE 155/ RXP(155HP)	2007-				
	GTX / GTX 4-tech / GTX wake(155HP)	2004-	2007~2008			
	RXP(155HP)					
	GTI / GTI SE 130	2006-	SOLAS ST CONCORD	ST-HSV-155/83 (HSV+Impeller Shaft +Bearing+Oil Seal +Cone) 	8 VANE Diameter = 156mm Hub size = 83mm	
	XP / XP DI	2000-2004				
RX / RX DI / GTX / GTX DI	2000-2003					
GSX Ltd. / GTX Ltd. / XP Ltd.	98-99					
LRV / LRV DI	99-2003					
GSX Ltd.	97					
782	3D / 3D BASE	2005-2007	SOLAS SK IMPELLER	SK-SV-140/75 	12 VANE Diameter = 140mm Hub size = 75mm	
720	GTI / GTI LE / GTI RFI GTS	2001-2005 2001-2002				
900	SPARK	2014-	SOLAS SK IMPELLER	SK-HS-140 	Diameter = 140mm	
				SK-NZ-140 		
				SK-SN-140 		
782	GSX RFI / GTX RFI XP / SPX / GSX / GTX / GTX PRO	99-2000 96-98	SOLAS SD IMPELLERS		6 VANE Diameter = 140mm Hub size = 60mm	
	GS	2000-2001				
720	GTI / GTI LE / GTI RFI GTS	2001-2005 2001-2002				
	XP / SPX GS / GSI	95-97 97-99				
	GTI / GTS HX	96-2000 95~				
	XP	93-94				
650	SPX / GSX / GTX	94-95				SD-PM-140/60 (HSV+Impeller Shaft+Bearing+Oil Seal+Cone+Nozzle+Steering Nozzle)
	XP SPX SPI SP	91-92 93 93-96 88-96				
580	GSX / GTX GTS GT	92-93 92-96 90-91				

The impeller is an optional part

Engine cc	Model	Year	Impeller Application	Recommended SOLAS Pump	Remark
1049	EX/ EX DELUXE/ EX SPORT	2017~	SOLAS YJ IMPELLER	YJX-HSV-144/74 (Housing+Stator+Cone) 	12 VANE Diameter = 144mm Hub size = 74mm
1052	SUPERJET	2021~			
701	SUPERJET	2008~2020	YRS-CD-12/18 YRS-CD-13/19 YRS-CD-14/20	YRS-HS-148 	Diameter = 148mm
701		2008~2020	YRS-CD-12/18 YRS-CD-13/19 YRS-CD-14/20	YRS-SV-148/74 (Stator+Cone) 	12 VANE Diameter = 148mm Hub size = 74mm
1812	FX SVHO / FX CRUISER SVHO/FZR/FZS	2014~	SOLAS YV Impeller	YVS-SV-160/74 (Stator+Cone) 	12 VANE Diameter = 160mm Hub size = 74mm
1812	FX SVHO / FX CRUISER SVHO/FZR/FZS	2014~	SOLAS YV Impeller	YVS-HS-160 	Diameter = 160mm
1812	FZR SHO / FZS SHO FX SHO / FX CRUISER SHO	2008~		YSS-SV-160/74 (Stator+Cone) (For 160mm impeller only) 	12 VANE Diameter = 160mm Hub size = 74mm
1812	FZR SHO / FZS SHO FX SHO / FX CRUISER SHO	2008~		YVS-HS-160 (For 160mm impeller only) 	Diameter = 160mm
1812	FZR SHO / FZS SHO FX SHO / FX CRUISER SHO VXR/ VXS FX HO / FX CRUISER HO	2008~ 2008~ 2011~ 2009~	SOLAS YF IMPELLER SOLAS YS IMPELLER	YFS-HS-155 	Diameter = 155mm
1052	FX High Output FX CRUISER High Output	2004-2008 2004-2008			
998	FX-140 / FX Cruiser	2003-2008			
1300	Wave Runner GP1300R Wave Runner XLT 1200	2003-2008 99-2005			
1200	Wave Runner GP1200R Wave Runner SUV1200 Wave Runner XL1200	2000-2002 99-2003 98-99			
800	Wave Runner GP800R Wave Runner XL800	2001-2005 2000-2004			
1200	Wave Runner GP1200 Wave Runner GP1200R	97-99 99			
1100	Wave Raider 1100 / Wave Venture 1100	95-97			
760	Wave Runner XL760 / Wave Venture 760 Wave Blaster II	98-99 96-97			
701	Wave Runner XL700	99-2005			
800	Wave Runner GP800 Wave Runner XL800	98-2000 98-99	SOLAS YB IMPELLER	YBS-HS-144 	Diameter = 144mm
760	Wave Runner GP760 Wave Raider 760	97-2000 96			
701	Wave Raider 700 / Wave Deluxe / Venture Wave Blaster / Wave Runner GP700 / Pro VXR	94-97 93-97			
	SuperJet	94-2007			
	SuperJet	2008~2020	SOLAS YQ IMPELLER		
701	SuperJet	2008~2020	SOLAS YQ IMPELLER	YQS-PM-144/74T (Housing+Stator+Nozzle +Steering Nozzle +Trim Ring+Cone) 	12 VANE Diameter = 144mm Hub size = 74mm
701	SuperJet	2008~2020	SOLAS YQ IMPELLER	YQS-SV-144/74 (Stator+Cone) 	12 VANE Diameter = 144mm Hub size = 74mm

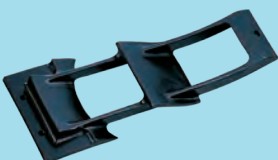
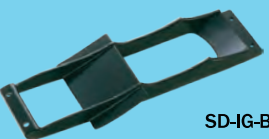
The impeller is an optional part

Kawasaki Jet Pump

Kawasaki is a registered trademark of Kawasaki Motors Corp. USA

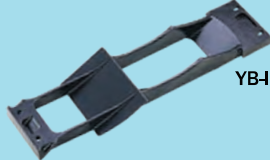
Engine cc	Model	Year	Impeller Application	Recommended SOLAS Pump	Remark
1498	SX-R	2017~	SOLAS KGX CONCORD	 KGX-PM-148/74T (Housing+Stator+Impeller Shaft+Bearing +Oil Seal+Cone+Nozzle+Steering Nozzle+Trim Ring)	12 VANE Diameter = 148mm Hub size = 74mm
1498	SX-R	2017~	SOLAS KGX CONCORD SOLAS KG CONCORD	 KGX-HSV-148/74 (Housing+Stator) KGS-HSV-148/74 WILL BE REPLACED BY KGX-HSV-148/74 AFTER INVENTORY RUN OUT.	12 VANE Diameter = 148mm Hub size = 74mm
1498	STX-15F	2004~			
1199	STX-12F	2003~			
1176	1200 STX-R	2002-2006			
1071	1100 STX DI	2001-2003			
	1100 STX	97-98			
	1100 ZXi	96-2003			
891	900 STX	2003-2006			
782	800 SX-R	2003~	SOLAS KP DYNAFLY	 KPS-PM-140/74T (HSV+Impeller Shaft+Bearing+Oil Seal +Cone+Nozzle+Steering Nozzle+Trim Ring)	12 VANE Diameter = 140mm Hub size = 74mm

The impeller is an optional part

Engine cc	Model	Year	Intake Grate
1494	RXP(215HP)	2004~2008	 SS0205
	RXT	2005~2008	
	GTX	2004~2008	
	GTX DI	2002~03	
951	RXX	2001-2002	 XP-IG-B
	XP/XP DI	2000-2004	
	XP Ltd.	98-99	
	RX / RX DI	2000-2003	
782	XP	97-98	 GSX-IG-B
720	GTI/GTI LE/GTI RFI	2001-2005	
	GTS	2001-2002	
951	GTX Ltd.	98-99	
	GTX/GTX DI	2000-2001	
782	GSX Ltd.	98-99	 GTX-IG-B
	LRV / LRV DI	99-2003	
	GSX Ltd.	97	
	GSX RFI	99-2000	
720	GTX RFI	99-2002	 SD-IG-B
	GTX PRO	98	
	GSX	96-98	
	GS	98-2001	
782	XP	95-96	
	SPX	97-98	
	XP	95	
	SPX	96	
650	SPX	97	
	GS	97	
	GSI	97-98	
	GTI	96-97	
	GTS	97-2000	
	HX	95~	
	XP	93-94	
	SPX	94-95	
	GSX	94-95	
	GTX	94-95	
580	XP	91-92	
	SPX	93	
	SPI	93-96	
	SP	88-96	
	GSX	92-93	
	GTX	92-93	
	GTS	92-96	
	GT	90-91	

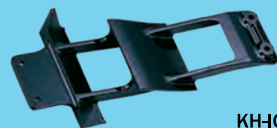
SEA DOO is a registered trademark of Bombardier Recreational Products Inc.

YAMAHA Intake Grates

Engine cc	Model	Year	Intake Grate
1052	FX High Output	2004~07	 SY0303
	FX CRUISER High Output	2004~07	
701	Wave Blaster	93-97	 YB-IG-B
	Superjet	94-2007	

YAMAHA is a registered trademark of Yamaha Corporation.

Kawasaki Intake Grates

Engine cc	Model	Year	Intake Grate
1176	ULTRA 150	99-2006	 KH-IG-B
1071	ULTRA 130 DI	2001-2006	
750	750 SX	92-96	 KE-IG-B
	750 SXi	95-96	
	750 XiR	94	

Kawasaki is a registered trademark of Kawasaki Motors Crop. USA

HONDA Intake Grates

Engine cc	Model	Year	Intake Grate
1235 Turbo	F-12X	2002~2007	 HW1-IG-B
1235	F-12	2002~2007	

Honda is a registered trademark of Honda Motors Co., Inc.



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



NEW

H2-2937T

3.4T

NEW

H2-3038T

4.0T

For HamiltonJet HJ212

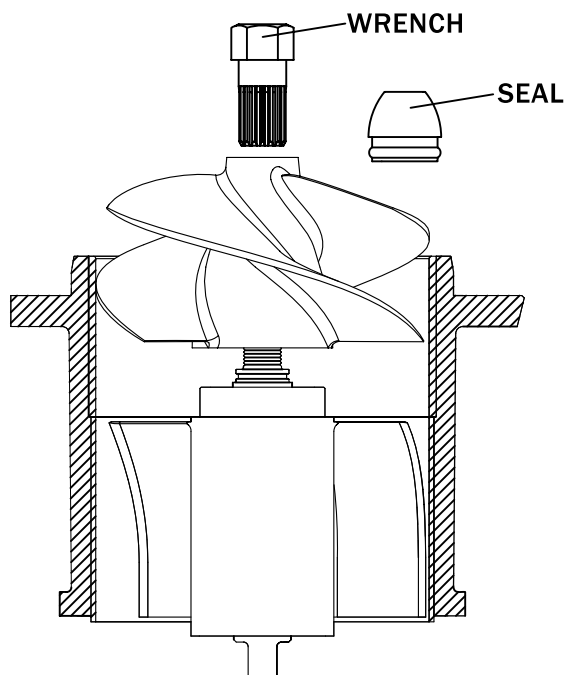
HamiltonJet is a registered trademark of the C.W.F. Hamilton & Co. Limited.





SEA DOO is a registered trademark of Bombardier Recreational Products Inc.

Impeller Accessories & Installation Guide



1. Remove and separate the whole jet pump from the PWC.
2. Remove the trail cone (or cap) from the stator.
3. Hold the rear end of the shaft with a bench vise.
Remove the impeller with an impeller wrench(optional part).
Turning counter clockwise will loosen the impeller.
4. Visually inspect thread on shaft & impeller for debris or damage. Apply grease or anti-seize on the thread before installation.
5. Screw in the impeller by hand; please be careful of the sharp edges of the impeller. Tighten with the impeller wrench. If the impeller feels too tight or not threaded properly, unscrew the impeller, clean and check the thread.
6. Assemble the pump and refill O/E pump oil or grease to spec.

SEA DOO		
Impeller Series	Wrench	Seal
SD Super Camber(ABC Series) Super Camber(IJK Series)	 optional part	
	WR001	SL007
SD, ST Xprop Series	 optional part	
	WR001	SL007
SD, SF, ST Concord Series ST Dynafl Series	 optional part	
	WR001	SL007
SG Concord Series	 optional part	Original Seal Required
	WR011	
SK Concord Series	 optional part	
	WR001	SL009
SR Concord Series	 optional part	 SLA011 SLA011A SLA011(For shaft 24mm) SLA011A(For shaft 27mm)
SR Concord Series (A VERSION)	 optional part	Original Seal Required
	WR011	
SRB SRZ SRX SXX / SX4 Concord Series	 optional part	
	WR012	SLA012
SX4 SRZ TP Series & FLY Series	 optional part	Not Required
	WR012L	

* Some of wrenches are the optional part. You can buy them from SOLAS local dealer

***For SLA012 seal, be sure to tighten it by hand tool**

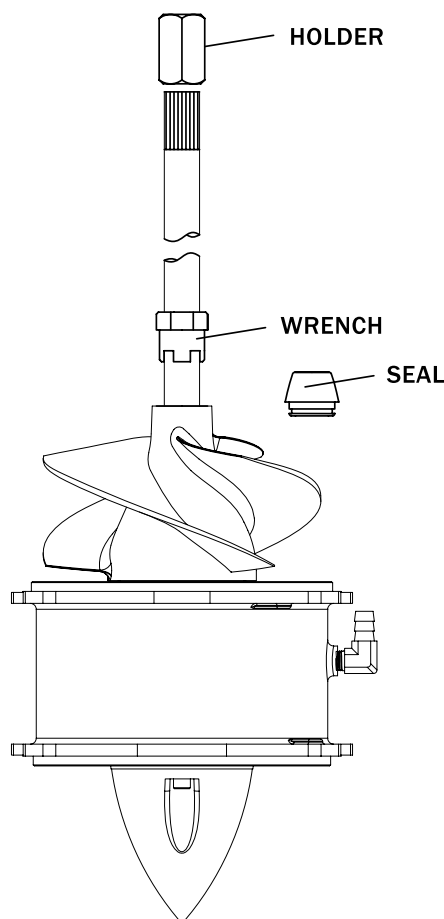
* This installation guide is suggested for reference only.

(Please refer to your original service manual or contact your PWC Dealer for detail.)



YAMAHA is a registered trademark of Yamaha Corporation.

Impeller Accessories & Installation Guide



1. Remove and separate the whole jet pump from the PWC.
2. Hold the front end of the drive shaft with a shaft holder (optional part) on bench vise.
3. Remove the impeller (a free impeller wrench is included when purchase a new SOLAS Impeller) .Turning clockwise will loosen the impeller.
4. Visually inspect thread on shaft & impeller for debris or damage. Apply grease or anti-seize on the thread before installation.
5. Screw in the impeller by hand; please be careful of the sharp edges of the impeller. Tighten with the impeller wrench. If the impeller feels too tight or not threaded properly, unscrew the impeller, clean and check the thread.
6. Assemble the pump and refill O/E pump oil or grease to spec.

* Some of holders are the optional part. You can buy them from SOLAS local dealer.

* This installation guide is suggested for reference only. (Please refer to your original service manual or contact your PWC Dealer for detail.)

Y A M A H A			
Impeller Series	Wrench	Holder	Seal
YA Super Camber(ABC Series)		 optional part	
	WR003	WR003H	SL003
YB Super Camber (IJK Series) Xprop Series Concord Series (A VERSION excluded)		 optional part	 SLA008 SL008A
	WR004	WR004H	SLA008(For shaft 18mm) SL008A(For shaft 15mm)
YD Super Camber (IJK Series) Xprop Series		 optional part	
	WR004	WR004H	SLA008
YD Concord Series		 optional part	
	WR007	WR004H	SLA009A
YF / YX Concord Series Xprop Series YG Dynafly Series		 optional part	
	WR007	WR007H	SLA018
YRS YQ YB (A VERSION) Concord Series		 optional part	 SL007 SL009
	WR007	WR004H	SL007 SL009
YS Dynafly Series YV Concord Series		 optional part	
	WR014	WR014H	SLA014
YV Concord Series (*HUB WITH A) YS Dynafly Series (*HUB WITH A) YS Concord Series		 optional part	
	WR014A	WR014H	SLA016
YS YV TP Series & FLY Series		 optional part	 TP Series FLY Series
	WR015	WR014H	SLA016 SLA017

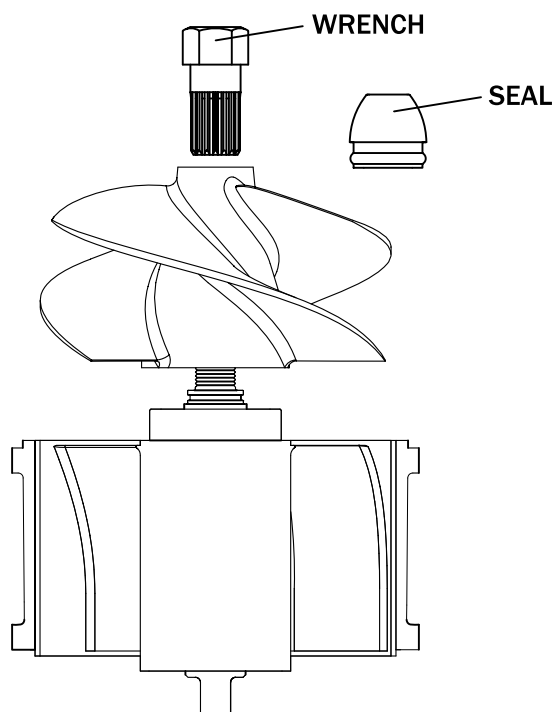
*HUB WITH A





YAMAHA is a registered trademark of Yamaha Corporation.

Impeller Accessories & Installation Guide



YAMAHA		
Impeller Series	Wrench	Seal
YJ YH Concord Series	 optional part	 SLA018
	WR001	SLA018

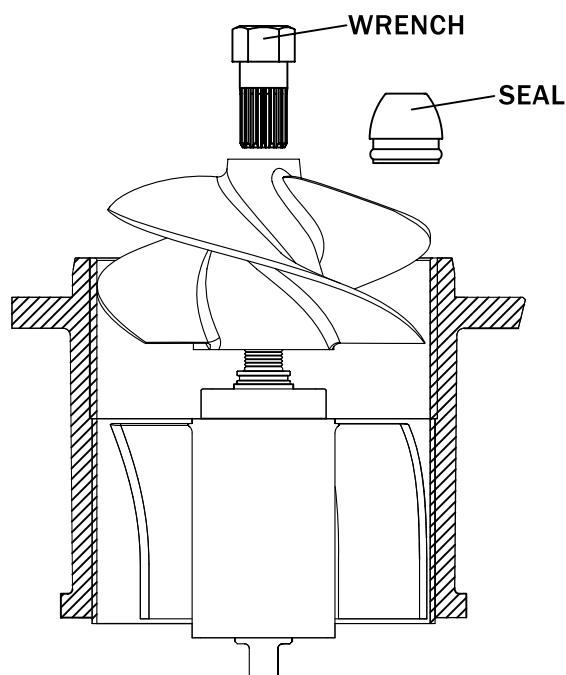
* Some of wrenches are the optional part. You can buy them from SOLAS local dealer

1. Remove and separate the whole jet pump from the PWC.
2. Remove the trail cone (or cap) from the stator.
3. Hold the rear end of the shaft with a bench vise. Remove the impeller with an impeller wrench (optional part) . Turning counter clockwise will loosen the impeller.
4. Visually inspect thread on shaft & impeller for debris or damage. Apply grease or anti-seize on the thread before installation.
5. Screw in the impeller by hand; please be careful of the sharp edges of the impeller. Tighten with the impeller wrench. If the impeller feels too tight or not threaded properly, unscrew the impeller, clean and check the thread.
6. Assemble the pump and put it back on the PWC.

* This installation guide is suggested for reference only.
(Please refer to your original service manual or contact your PWC Dealer for detail.)

Kawasaki Impeller Accessories & Installation Guide

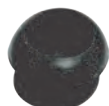
Kawasaki is a registered trademark of Kawasaki Motors Corp. USA



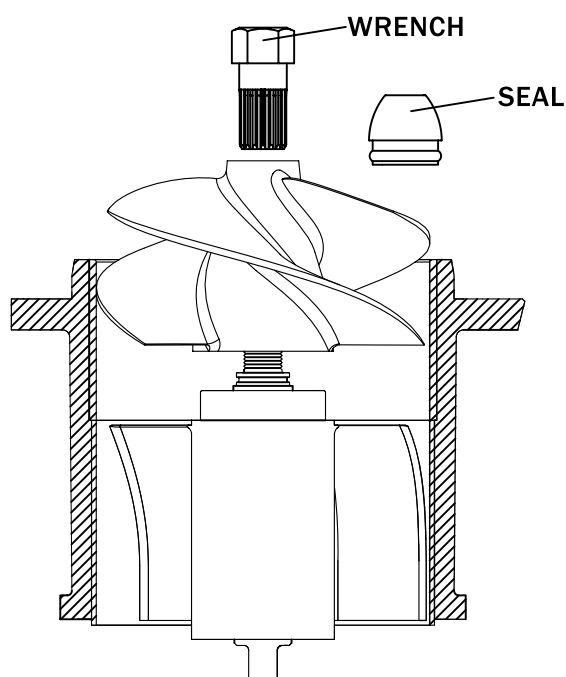
1. Remove and separate the whole jet pump from the PWC.
2. Remove the trail cone (or cap) from the stator.
3. Hold the rear end of the shaft with a bench vise.
Remove the impeller with an impeller wrench(optional part).
Turning counter clockwise will loosen the impeller.
4. Visually inspect thread on shaft & impeller for debris or damage. Apply grease or anti-seize on the thread before installation.
5. Screw in the impeller by hand; please be careful of the sharp edges of the impeller. Tighten with the impeller wrench. If the impeller feels too tight or not threaded properly, unscrew the impeller, clean and check the thread.
6. Assemble the pump and put it back on the PWC.

* Some of wrenches and seals are the optional part. You can buy them from SOLAS local dealer.

* This installation guide is suggested for reference only.
(Please refer to your original service manual or contact your PWC Dealer for detail.)

KAWASAKI		
Impeller Series	Wrench	Seal
KA Super Camber(ABC Series) Super Camber(IJK Series)	 optional part	
	WR001	SL009
KB Super Camber(ABC Series)		
	WR002	SL002
KC Super Camber(ABC Series)		Original Seal Required
	WR005	
KD Super Camber(ABC Series)	 optional part	
	WR001	SL009
KE Super Camber(ABC Series) Super Camber(IJK Series) Xprop Series, Concord Series KP Concord Series, Dynafly Series	 optional part	
	WR001	SL009
KF Super Camber (IJK Series) Xprop Series	 optional part	
	WR001	SL009
KX Concord Series	 optional part	
	WR001	SL009
KH Dynafly Series	 optional part	
	WR001	SL007
KG Xprop Series Concord Series KR KGX Concord Series	 optional part	
	WR001	SL009

Impeller Accessories & Installation Guide



1. Remove and separate the whole jet pump from the PWC.
2. Remove the trail cone (or cap) from the stator.
3. Hold the rear end of the shaft with a bench vise.
Remove the impeller with an impeller wrench(optional part).
Turning counter clockwise will loosen the impeller.
4. Visually inspect thread on shaft & impeller for debris or damage. Apply grease or anti-seize on the thread before installation.
5. Screw in the impeller by hand; please be careful of the sharp edges of the impeller. Tighten with the impeller wrench. If the impeller feels too tight or not threaded properly, unscrew the impeller, clean and check the thread.
6. Assemble the pump and put it back on the PWC.

H O N D A		
Impeller Series	Wrench	Seal
HA Concord Series	 optional part	
	WR001	SLA010
P O L A R I S		
Impeller Series	Wrench	Seal
PL Super Camber (ABC Series) Super Camber (IJK Series)	 optional part	
	WR006	SL006
PA Super Camber (ABC Series) Super Camber (IJK Series) Xprop Series Concord Series	 optional part	 SL006 SL012
	WR006	SL006, SL012
PF Concord Series	 optional part	
	WR006	SL009
T I G E R S H A R K		
Impeller Series	Wrench	Seal
TA Super Camber (IJK Series)	Original Wrench / Seal Required	
TB Super Camber (IJK Series) Xprop Series	 optional part	
	WR006	SL009

* Some of wrenches and seals are the optional part. You can buy them from SOLAS local dealer

* This installation guide is suggested for reference only.
(Please refer to your original service manual or contact your PWC Dealer for detail.)

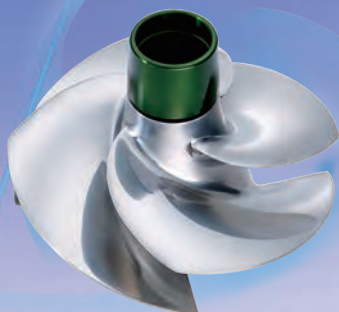
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