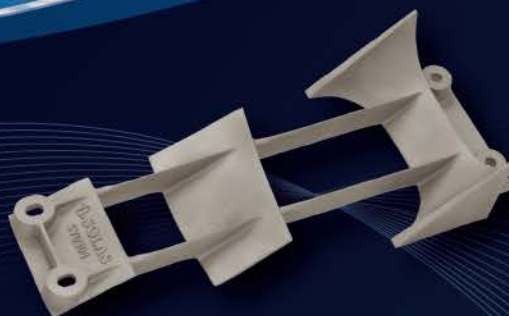




2027

PWC CATALOG

IMPELLER
JET PUMP
INTAKE GRATE





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

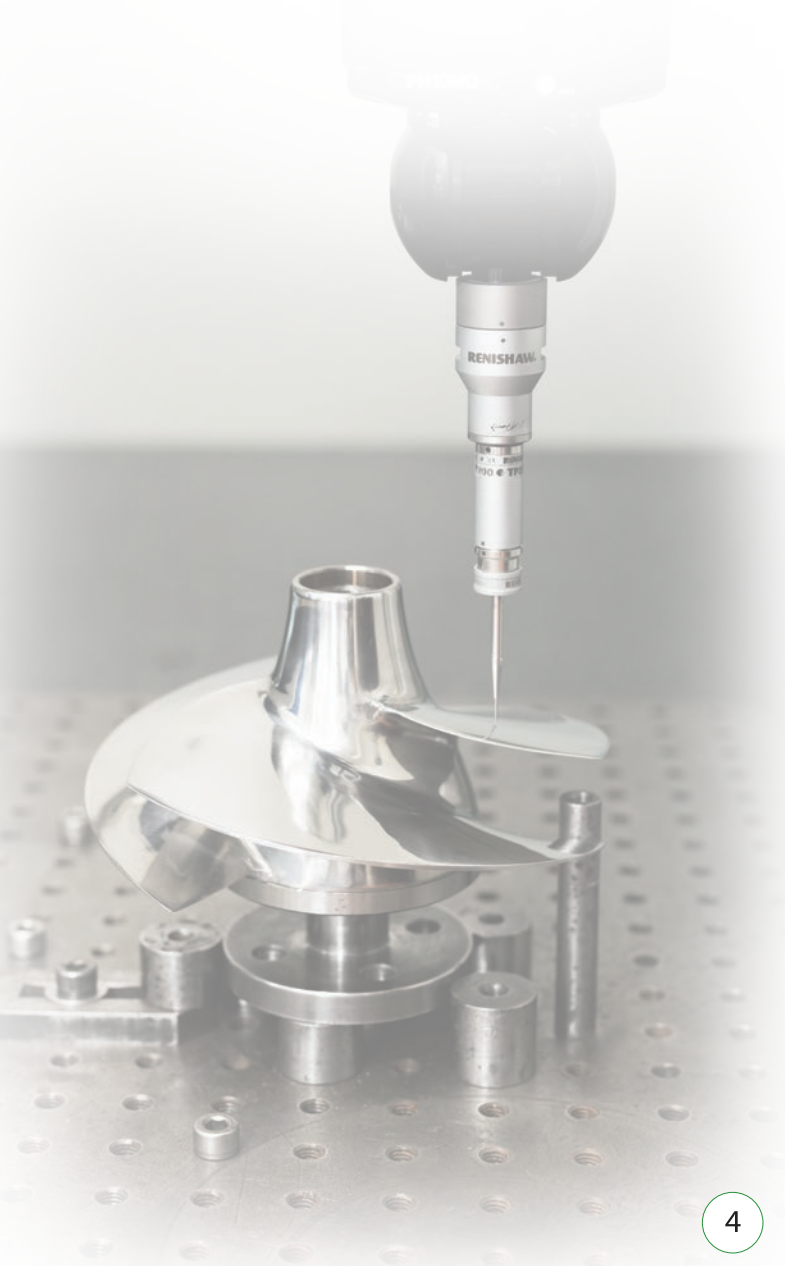
SOLAS has implemented a strict quality assurance program which includes all aspects of our manufacturing process including product design, raw material inspection, production monitoring and distribution control. SOLAS has even set up a state of the art testing apparatus to ensure that these strict standards 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.



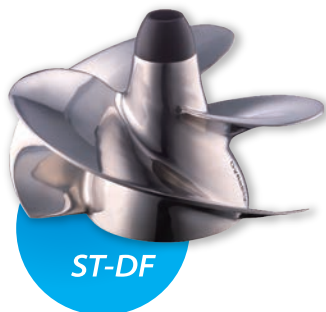
ISO 9001 / ISO 14001 CERTIFIED

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	GTX LTD 325	2025~	161mm	CONCORD	3	SXX-CD-14/19	SXX-CD-13/16	SXX-CD-13/18		
	EXPLORER Pro 170	2025~	155.5mm	CONCORD	4	SR-CD-11/15A	SR-CD-10/18A	SR-CD-11/19A	SR-CD-12/20A	
	EXPLORER Pro 230	2025~	161mm	CONCORD	4	SX4-CD-11/16	SX4-CD-13/15	SX4-CD-13/16		
	RXT-X 325/ RXP-X 325	2024~	161mm	CONCORD	3	SXX-CD-14/19	SXX-CD-13/16	SXX-CD-13/18		
					4	SX4-CD-13/16	SX4-CD-11/16	SX4-CD-13/15	SX4-CD-13/18	
	GTR 230/ GTX 230/ Wake Pro 230	2020~	161mm	CONCORD	4	SX4-CD-11/16	SX4-CD-13/16			
	GTX Pro 130	2021~	155.5mm	CONCORD	4	SRB-CD-11/19				
	GTI Pro 130	2020	155.5mm	CONCORD	4	SRB-CD-11/19				
	GTI 130/ GTI SE 130 & 170/ GTX 170 Wake 170/ Fish Pro 130 & 170 Model GTI 130 PRO (Rental) excluded.	2020~	155.5mm	CONCORD	4	⊙ SR-CD-11/15A (3BLADES)	⊙ SR-CD-10/18A	⊙ SR-CD-11/19A	⊙ SR-CD-12/20A	
1494	RXT/ RXP/ RXT-X/ RXP-X 300 GTX LTD 300/ GTX 300/ GTR 300	2016~	161mm	CONCORD	3	SXX-CD-13/18	SXX-CD-13/16	SXX-CD-14/19		
					4	SX4-CD-13/16	SX4-CD-11/16	SX4-CD-13/15		
	GTR 230/ GTR-X 230	2017~2019	161mm	CONCORD	4	SX4-CD-11/16	SX4-CD-13/16			
	RXT 230/ GTX 230/ Wake Pro 230	2019	161mm	CONCORD	4	SX4-CD-11/16	SX4-CD-13/16			
	RXT/ RXT-X 260 RXT IS/ RXT-X aS260	2009~2017	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 & 260/ GTX 260	2009~2016		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 & 260 RXT-X/ RXT IS 255	2009~2015		CONCORD	4	SRZ-CD-15/21A	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD-15/20A	SRZ-CD-16/21A
	GTR 215	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 215	2009		CONCORD	4	SRZ-CD-14/19A	SRZ-CD-13/18A	SRZ-CD-15/20A	SRZ-CD-15/21A	SRZ-CD-16/21A
	RXT 215 & 230	2009~2010&2018		CONCORD	4	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD-15/20A	SRZ-CD-15/21A	SRZ-CD-16/21A
	Wake Pro 215 & 230 GTX/ GTX IS/ GTX LTD 215 & 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
	RXP-X 255	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 255	2008		CONCORD	4	SRX-CD-14/19	SRX-CD-13/18	SRX-CD-15/20	SRX-CD-15/21	SRX-CD-16/21
	RXP 215	2004-2008		CONCORD	4	SRX-CD-14/19	SRX-CD-13/18	SRX-CD-15/20	SRX-CD-15/21	SRX-CD-16/21
	RXT 215	2005-2008		CONCORD	4	SRX-CD-13/18	SRX-CD-14/19	SRX-CD-15/20	SRX-CD-15/21	SRX-CD-16/21
	GTX/ GTX LTD/ GTX 4-TEC LTD 215	2005-2008		CONCORD	4	SRX-CD-13/18	SRX-CD-14/19	SRX-CD-15/20	SRX-CD-15/21	SRX-CD-16/21
	Wake 215	2008		CONCORD	4	SRX-CD-13/18	SRX-CD-14/19	SRX-CD-15/20	SRX-CD-15/21	SRX-CD-16/21
	GTX 4-TEC Supercharged 185 GTX 4-TEC LTD Supercharged 185	2003-2006	155.5mm	CONCORD	4	SR-CD-12/20	SR-CD-10/18	SR-CD-11/19	SR-CD-13/21	
	RXP 155	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		
	Fish Pro 155	2019		CONCORD	4	⊙ SR-CD-11/19A				
	Wake 155	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 GTX 4-TEC STD WAKE 155	2009 & 2018~2019		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				
	GTI LTD 155/ GTI 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	
	GTI/ GTI SE/ GTI STD 130 GTI 4-TEC SE/ GTI 4-TEC STD 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	RX X	2001	148mm	CONCORD	3	KG-CD-15/21	KG-CD-14/21	KG-CD-16/22		
	XP/ XP DI	2000-2004	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		
	RX/ RX DI	2000-2003		CONCORD	3	ST-CD-15/20	ST-CD-10/16	ST-CD-14/19	ST-CD-16/21	
	GTX/ GTX DI			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	
	LRV/ LRV DI	99-2003		CONCORD	3	ST-CD-14/19	ST-CD-10/16	ST-CD-15/20	ST-CD-16/21	
900	3D DI	2006-2007		CONCORD	3	ST-CD-15/20				
	GTI 90/ GTS 90	2017-2022	150mm	CONCORD	3	SG-CD-10/16				
	SPARK 60 & 90 SPARK HO/ Spark Trixx	2014-	140mm	CONCORD	3	SK-CD-12/17	SK-CD-12/14	SK-CD-13/18		
782	3D RFI	2004-2005	155.5mm	CONCORD	3	ST-CD-10/16	ST-CD-14/19	ST-CD-15/20	ST-CD-16/21	
	GSX RFI/ GTX RFI	99-2002	140mm	CONCORD	3	SF-CD-15/23	SF-CD-16/24	SF-CD-17/25		
	SPX/ GSX	98-99	140mm	CONCORD	3	SD-CD-15/23	SD-CD-13/21	SD-CD-14/22	SD-CD-16/24	SD-CD-17/25
	GTX	96-98		CONCORD	3	SD-CD-14/22	SD-CD-13/21	SD-CD-15/23	SD-CD-16/24	SD-CD-17/25
720	GTI/ GTI LE/ GTI RFI/ GTI RF	2001-2005	155.5mm	CONCORD	3	ST-CD-10/16	ST-CD-14/19	ST-CD-15/20	ST-CD-16/21	
	GTS	2001		CONCORD	3					
	GTI/ GTS/ GS/ GSI	99-2001	140mm	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
	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

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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



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
	230 Challenger / Challenger SE	2 X 215HP	2007~	159mm	CONCORD	4	SRX-CD-14/19
		2 X 155HP	2010~	155.5mm	CONCORD	4	⊗ SR-CD-11/19A
	230 Wake	2 X 215HP	2007~2009	155.5mm	CONCORD	4	SR-CD-11/19
			2007~	159mm	CONCORD	4	SRX-CD-14/19
	210 Wake	2 X 155HP	2010~	155.5mm	CONCORD	4	⊗ SR-CD-11/19A
	230 Wake	2 X 155HP	2007~2009	155.5mm	CONCORD	4	SR-CD-11/19
	2008~2009		159mm	CONCORD	4	SRX-CD-14/19	
	Islandia SE	2 X 155HP	2007	155.5mm	CONCORD	4	SR-CD-11/19
		215 HP	2007~	159mm	CONCORD	4	SRX-CD-14/19
	SPEEDSTER 150	155HP	2010~	155.5mm	CONCORD	4	⊗ SR-CD-11/19A
			2007~2009	155.5mm	CONCORD	4	SR-CD-11/19
	SPEEDSTER 200	2 X 215HP	2007~	159mm	CONCORD	4	SRX-CD-14/19
		2 X 155HP	2004~2009	155.5mm	CONCORD	4	SR-CD-11/19
SPEEDSTER WAKE	2 X 215HP	2006~	159mm	CONCORD	4	SRX-CD-14/19	
SPORTSTER 4-TEC	155HP	2004-2005	155.5mm	CONCORD	4	SR-CD-11/19	
SPORTSTER 4-TEC		2006		CONCORD	4	SRX-CD-13/18	
951		Sportster LE DI		2000-2005	155.5mm	CONCORD	3
780(2)	Speedster		98-99	140mm	CONCORD	3	SF-CD-15/23
	Challenger 1800		97-99		CONCORD	3	SD-CD-15/23
780	Challenger		95-97		X Prop	3	SD-SC-X0(16.5-23.5)
720(2)	Speedster SK		99	140mm	X Prop	3	SD-SC-X(16-23)
	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		X Prop	3	SD-SC-X(16-23)
	Speedster		96-97		X Prop	3	SD-SC-X(16-23)
720	Explorer		97	140mm	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



Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine	* LIMITED or MODIFIED Engine *		
1900	VX Cruiser HO/ VX Limited HO	2024~	155mm	CONCORD	3	YS-CD-14/16			
	GP1900 HO	2024~		CONCORD	3	YS-CD-14/16			
	FX HO/ FX Cruiser HO	2024~		CONCORD	3	YS-CD-14/16			
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	2016~2023	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	2009~2023	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		
	FX SHO/ FX Cruiser SHO	2008~	155mm	CONCORD	3	YS-CD-13/22	YS-CD-13/19	YS-CD-14/23	
				DYNAFLY	3	YS-DF-14/21	YS-DF-15/22		
1300	WaveRunner 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	WaveRunner XLT 1200	99-2005	155mm	CONCORD	3	YF-CD-12/18	YF-CD-11/14	YF-CD-13/19	YF-CD-14/20
	WaveRunner GP1200R	2000-2002		CONCORD	3	YF-CD-13/19	YF-CD-11/14	YF-CD-12/18	YF-CD-14/20
	WaveRunner SUV1200	99-2004		CONCORD	3	YF-CD-12/18	YF-CD-11/14	YF-CD-13/19	YF-CD-14/20
	WaveRunner XL1200	98-99		CONCORD	3	YF-CD-12/18	YF-CD-11/14	YF-CD-13/19	YF-CD-14/20
	WaveRunner GP1200	97-99		CONCORD	3	YD-CD-13/19	YD-CD-11/14	YD-CD-12/18	
	WaveRunner GP1200R	99		CONCORD	3	YD-CD-13/19	YD-CD-11/14	YD-CD-12/18	
1100	WaveRaider 1100/ WaveVenture 1100	95-97	155mm	CONCORD	3	YD-CD-12/18	YD-CD-11/14	YD-CD-13/19	
1050	FX HO/ FX Cruiser HO	2004~2008	155mm	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			
	VX Limited/ VX Cruiser/ VX Deluxe/ VX	2016~		DYNAFLY	3	YG-DF-09/13	YG-DF-14/20	YG-DF-15/22	
	V1/ V1 Sport	2015		CONCORD	3	YH-CD-18/22			
	V1/ V1 Sport	2016		DYNAFLY	3	YG-DF-09/13	YG-DF-14/20	YG-DF-15/22	
	SuperJet	2021~	144mm	CONCORD	3	YJ-CD-14/17	YJ-CD-12/17	YJ-CD-12/20	
	JetBlaster Pro	2025~		CONCORD	3	YJ-CD-13/18	YJ-CD-12/17	YJ-CD-12/20	YJ-CD-14/17
	JetBlaster	2022~2024		CONCORD	3	YX-CD-12/17			
	JetBlaster	2025~		CONCORD	3	YJ-CD-12/20			
	EXR	2019~		CONCORD	3	YX-CD-12/17			
	EX/ EX Deluxe/ EX Sport/ EX Limited	2017~		CONCORD	3	YJ-CD-12/20	YJ-CD-12/17	YJ-CD-14/17	
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	WaveRunner GP800R	2001-2005	155mm	CONCORD	3	YF-CD-11/14	YF-CD-12/18	YF-CD-13/19	YF-CD-14/20
	WaveRunner XL800/ XLT800	2000-2004	155mm	CONCORD	3	YF-CD-11/14	YF-CD-12/18	YF-CD-13/19	YF-CD-14/20
	WaveRunner GP800	98-2000	144mm	CONCORD	3	YB-CD-13/17 YB-CD-13/17A	YB-CD-14/18	YB-CD-15/19	
				X Props	3	YB-SC-X0(15.5-18.5)	YB-SC-X(15-18)	YB-SC-XI(16-19)	
760	WaveRunner GP760	97-2000	144mm	CONCORD	3	YB-CD-13/17 YB-CD-13/17A	YB-CD-14/18	YB-CD-15/19	
				X Props	3	YB-SC-X(15-18)	YB-SC-X0(15.5-18.5)	YB-SC-XI(16-19)	
	WaveRunner XL760/ Wave Venture 760	97-99	155mm	CONCORD	3	YD-CD-11/14	YD-CD-12/18	YD-CD-13/19	
				X Props	3	YD-SC-X(13-16)	YD-SC-X0(14.5-17.5)		
	WaveBlaster II	96-97	155mm	CONCORD	3	YD-CD-11/14	YD-CD-12/18	YD-CD-13/19	
				X Props	3	YD-SC-X(13-16)	YD-SC-X0(14.5-17.5)		

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

YAMAHA is a registered trademark of Yamaha Corporation.

Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine	* LIMITED or MODIFIED Engine *	
701	VX 700	2006~	155mm	CONCORD	3	YH-CD-11/14		
	WaveRaider 700/ WaveRaider Deluxe Venture	94-97	144mm	CONCORD	3	YB-CD-13/17 YB-CD-13/17A	YB-CD-14/18	YB-CD-15/19
				X Props	3	YB-SC-X(15-18)	YB-SC-X0(15.5-18.5)	YB-SC-XI(16-19)
	WaveBlaster/ WaveRunner III GP Pro VXR	93-97		CONCORD	3	YB-CD-13/17 YB-CD-13/17A	YB-CD-14/18	YB-CD-15/19
				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
	WaveRunner XL700	99-2004	155mm	CONCORD	3	YD-CD-11/14	YD-CD-12/18	YD-CD-13/19

YAMAHA JETBOAT

Engine cc	Model	Year	Pump Diameter	Series	Blades	STOCK Engine
1200(2)	LS2000/ LX2000	1999-2002	155mm	CONCORD	3	YD-CD-12/18
1200(2)	LX210	2003-2005		CONCORD	3	YD-CD-12/18
1200(2)	AR210	2004-2005		CONCORD	3	YD-CD-12/18
1200(2)	XR1800	2000-2001		CONCORD	3	YF-CD-13/19
998(2)	SX 230/ SR 230/ AR 230	2004-2005	155mm	CONCORD	3	YF-CD-12/18
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

YJ-Concord

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



YX-Concord

for
EXR 2019~



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	184mm	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	155mm	CONCORD	3	KX-CD-15/23	KX-CD-16/21	KX-CD-16/24		
	ULTRA 250X	2007~2008		CONCORD	3	KX-CD-15/23	KX-CD-16/21	KX-CD-16/24		
	ULTRA LX/ 160LX/ 160LX-S	2007~	CONCORD	3	KX-CD-10/16					
	STX-15F/ STX160/ 160LX	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	148mm	CONCORD	3	KG-CD-13/19	KG-CD-11/17	KG-CD-12/18	KG-CD-14/20	KG-CD-14/21
	1100 STX	97-99		X Props	3	KG-SC-X(16.5-24)				
				CONCORD	3	KG-CD-13/19	KG-CD-11/17	KG-CD-12/18	KG-CD-14/20	KG-CD-14/21
	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.



SR-FY-09/14



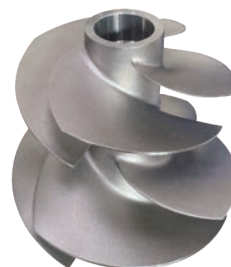
SX-FY-09/14



SRZ-FY-09/14

Kawasaki

Kawasaki is a registered trademark of Kawasaki Motors Corp. USA



KG-FY-11/16



YAMAHA

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

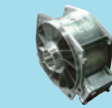
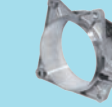
for

FZR / FZS 2008-2013 (155mm)



Engine cc	Model	Year	Impeller Application	Recommended SOLAS Pump	Remark			
1630	RXP-X 325/ RXT-X 325	2024-2026	SOLAS SXX CONCORD SOLAS SX4 CONCORD	SX-PM-161/83 (HSV+Nozzle) 	14 VANE Diameter = 161mm Hub size = 83mm			
	GXT 300	2021-2026						
	RXP-X 300	2016-2023						
	RXT-X 300	2016-2023						
1494	RXP-X 255 & 260	2008-2015	SOLAS SRZ IMPELLER	SRZ-PM-159/83 (HSV+Nozzle) 	14 VANE Diameter = 159mm Hub size = 83mm			
	RXT-X 255 & 260	2009~						
	GTX Limited Is 260	2009~						
1630	RXP-X 325/ RXT-X 325	2024-2026	SOLAS SXX CONCORD SOLAS SX4 CONCORD	SX-HS-161 (Original Wear Ring Replacement) 	Diameter = 161mm			
	GTX 300	2021-2026						
	RXP-X 300/ RXT-X 300	2016-2023						
	GTX Limited 300	2016-2024						
	GTR 230/ GTX230/ Wake Pro 230	2020~						
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						
	RXP-X 255 & 260	2008-2015						
	RXT-X 255 & 260	2008~	SOLAS SRX IMPELLER SOLAS SRZ IMPELLER	SRX-HS-159-002 (Original Wear Ring Replacement) 	Diameter = 159mm			
	RXP 215	2004-2010						
	RXT 215	2005-2010						
	GTX Limited 215	2005-						
	Wake Supercharged 215	2007-	SOLAS SR IMPELLER	SR-HS-156-001 (Original Wear Ring Replacement) 	Diameter = 156mm			
	GTX 4-tech Limited Supercharged 185	2003-2004						
	GTX 4-tech Supercharged 185	2003-2006						
	GTS SE 155/ RXP 155	2007-						
	GTX/ GTX 4-tech/ GTX wake 155	2004-						
	RXP 155	2007-2008						
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							
782	GSX Ltd	97	SOLAS SK IMPELLER	SK-SV-140/75 	12 VANE Diameter = 140mm Hub size = 75mm			
720	3D/ 3D BASE	2005-2007						
900	GTI/ GTI LE/ GTI RFI	2001-2005	SOLAS SK IMPELLER	SK-HS-140 	Diameter = 140mm			
	GTS	2001-2002						
	XP/ SPX	95-97						
	GS/ GSI	97-99						
782	GTI/ GTS	96-2000	SOLAS SD IMPELLERS		6 VANE Diameter = 140mm Hub size = 60mm			
	HX	95~						
	XP	93-94						
	SPX/ GSX/ GTX	94-95						
720	XP	91-92				SOLAS SD IMPELLERS	SD-PM-140/60 (HSV+Impeller Shaft+Bearing+Oil Seal+Cone+Nozzle+Steering Nozzle)	
	SPX	93						
	SPI	93-96						
	SP	88-96						
650	GSX/ GTX	92-93						
	GTS	92-96						
	GT	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	2014~2019	SOLAS YV Impeller	YVS-SV-160/74 (Stator+Cone) 	12 VANE Diameter = 160mm Hub size = 74mm
1812	FX SVHO/ FX Cruiser SVHO/ FZR/ FZS	2014~2019	SOLAS YV Impeller	YVS-HS-160 	Diameter = 160mm
1812	FZR SHO/ FZS SHO/ FX SHO/ FX Cruiser SHO	2008~2019	For 160mm impeller only	YSS-SV-160/74 (Stator+Cone) 	12 VANE Diameter = 160mm Hub size = 74mm
1812	FZR SHO/ FZS SHO/ FX SHO/ FX Cruiser SHO	2008~2019	For 160mm impeller only	YVS-HS-160 	Diameter = 160mm
1812	FZR SHO/ FZS SHO FX SHO/ FX Cruiser SHO VXR/ VXS FX HO/ FX Cruiser HO	2008~2019 2008~2019 2011~2019 2009~2019	SOLAS YF IMPELLER SOLAS YS IMPELLER SOLAS YG IMPELLER	YFS-HS-155 	Diameter = 155mm
1052	FX HO FX Cruiser HO	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+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

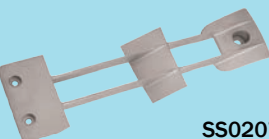
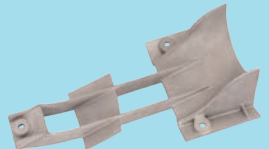
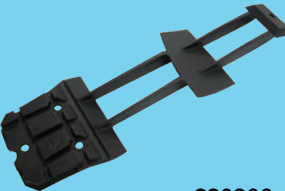
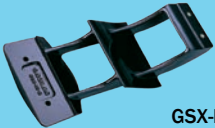
Kawasaki is a registered trademark of Kawasaki Motors Corp. USA

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

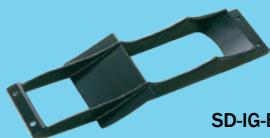
The impeller is an optional part



Intake Grates

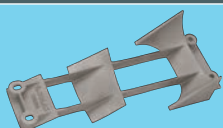
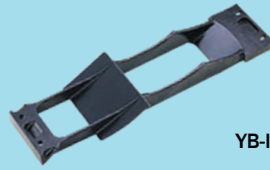
Engine cc	Model	Year	Intake Grate
1630	RXT/ GTX	2018~	 SS0207
	RXP 300	2024~	
	RXP 325	2021~2023	
	GTR/ GTI	2020~	
900	SPARK	2014~	 SS0208
1494	RXP(215HP)	2004~2008	 SS0205
	RXT	2005~2008	 SS0206
	GTX	2004~2008	
	GTX DI	2002~03	
951	RXX	2001-2002	 XP-IG-B
	XP/XP DI	2000-2004	
	XP Ltd.	98-99	
	RX / RX DI	2000-2003	
782	XP	97-98	 XP-IG-B
720	GTI/GTI LE/GTI RFI	2001-2005	
	GTS	2001-2002	 GSX-IG-B
951	GTX Ltd.	98-99	
	GTX/GTX DI	2000-2001	
	GSX Ltd.	98-99	
	LRV / LRV DI	99-2003	
	GSX Ltd.	97	
782	GSX RFI	99-2000	 GTX-IG-B
	GTX RFI	99-2002	
	GTX PRO	98	
	GSX	96-98	
720	GS	98-2001	
	GTI	98-2000	

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

Engine cc	Model	Year	Intake Grate
782	XP	95-96	 SD-IG-B
	SPX	97-98	
650	XP	95	
	GSI	97-98	
	GTI	96-97	
	HX	95~	
	XP	93-94	
	SPX	94-97	
	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
1050	EX/ EX Sport/ EX Deluxe/ EX Limited	2017~	 SY0304
	EXR	2019~25	
	Jet Blaster	2022~25	
	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
1498	SX-R	2017~2024	 SK0805
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.



H2-2937T

3.4T

For HamiltonJet HJ212

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

H2-3038T

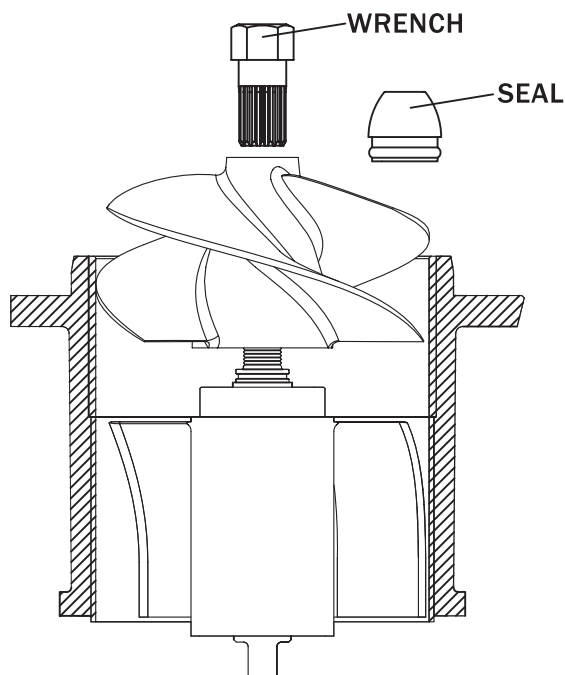
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SEA DOO is a registered trademark of Bombardier Recreational Products Inc.

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 Dynafly 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)
	WR011	Original Seal Required
SR FLY Series	 	Not Required
	WR011L	
SRB SRZ SRX SXX / SX4 Concord Series	 optional part	
	WR012	SLA012
SX FLY Series SX4 / SRZ TP Series & FLY Series	 	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.

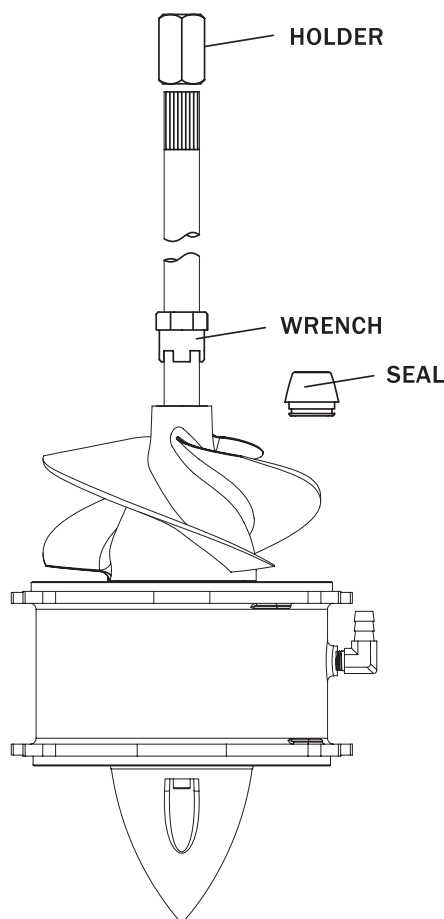
(Please refer to your original service manual or contact your PWC Dealer for detail.)



YAMAHA

YAMAHA is a registered trademark of Yamaha Corporation.

Impeller Accessories & Installation Guide



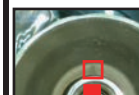
1. Remove and separate the whole jet pump from the PWC.
2. Hold the front end of the drive shaft with a shaft holder (optional part) on bench vise.
3. Remove the impeller (a free impeller wrench is included when purchase a new SOLAS Impeller). Turning clockwise will loosen the impeller.
4. Visually inspect 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	 SLA018
	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

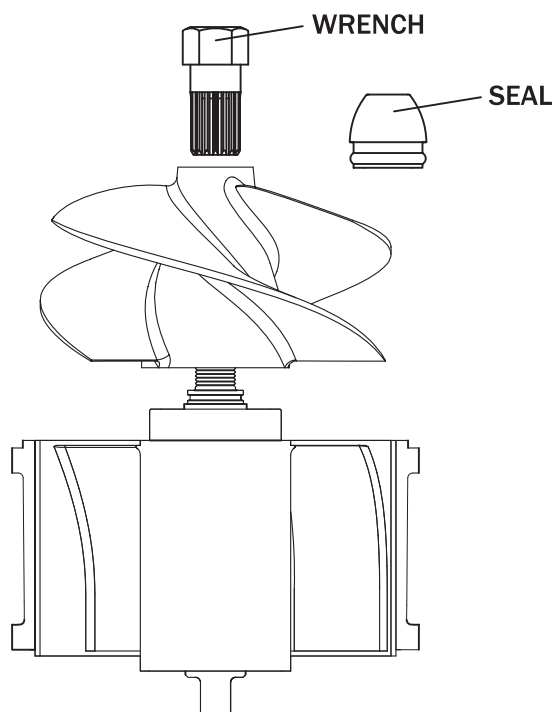




YAMAHA

YAMAHA is a registered trademark of Yamaha Corporation.

Impeller Accessories & Installation Guide



YAMAHA		
Impeller Series	Wrench	Seal
YJ YH Concord Series	 optional part	
	WR001	SL009

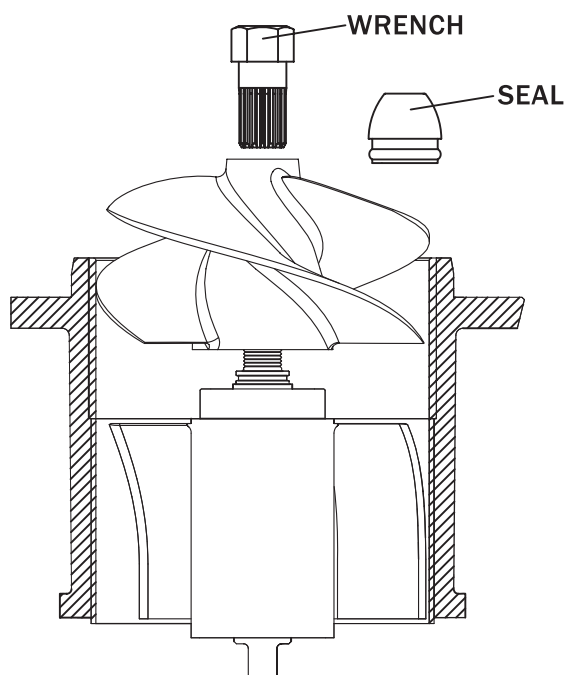
*Some of wrenches are the optional part. You can buy them from SOLAS local dealer

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



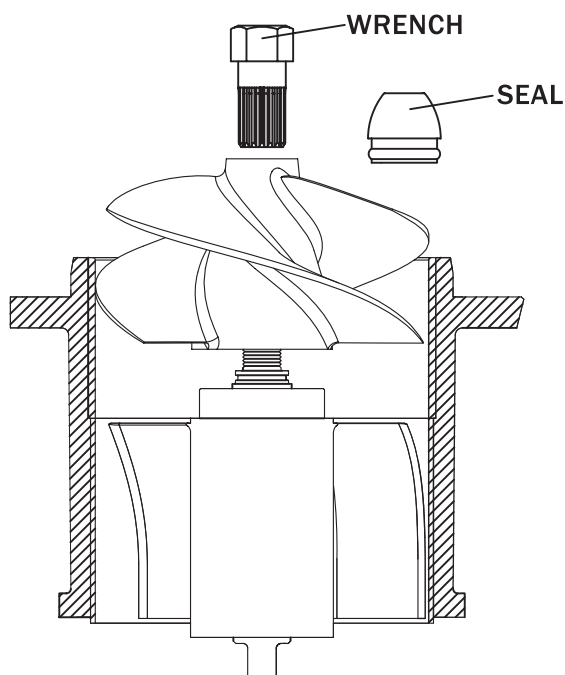
1. Remove and separate the whole jet pump from the PWC.
2. Remove the trail cone (or cap) from the stator.
3. Hold the rear end of the shaft with a bench vise.
Remove the impeller with an impeller wrench(optional part).
Turning counter clockwise will loosen the impeller.
4. Visually inspect thread on 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)	 optional part	
	WR002	SL002
KC Super Camber(ABC Series)	 optional part	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 KGX Concord Series	 optional part	
	WR001	SL009
KG FLY Series	 optional part	
	WR001L	SL009
KR Concord Series	 optional part	
	WR001	SL009L

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.)

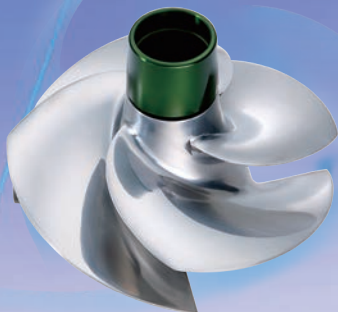
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