

VEHICLE

COOLING SYSTEM		
Type		Closed loop cooling system
Coolant		BRP long life antifreeze Low silicate, extended life ethylene-glycol premixed coolant (50%-50%) specifically formulated for internal combustion aluminum engines.
Cooling system capacity	900 ACE Series	4.3 L (4.5 qt (U.S. liq.)) total
	1500 Series	5.5 L (5.8 qt (U.S. liq.)) total
Radiator cap opening pressure		90 kPa (13 PSI)
EXHAUST SYSTEM		
Type		D-Sea-Bel sound reduction system. Water cooled/water injected (open loop). Direct flow from jet pump
Water injection in muffler		3 x 3.5 mm (.138 in) on exhaust pipe and 1 x 3.5 mm (.138 in) on muffler
FUEL SYSTEM		
Fuel type	Inside North America ((RON + MON)/2)	87 recommended
	Outside North America (RON)	92 recommended
Fuel tank (including reserve)		60 L (15.9 U.S. gal.)
Fuel tank reserve (from low level signal)		approx. 12 L (3.2 U.S. gal.)
ELECTRICAL SYSTEM (900 ACE SERIES)		
Battery		Sealed, 12 volt, 18 A.h. Yuasa BBRM420BSBM
Anti-start system		D.E.S.S. (Digitally Encoded Security System) with selectable maximum vehicle speed settings for learning key
Fuses	F 1: Accessories	10 A
	F 2: Start/stop Switch	5 A
	F 3: Battery	15 A
	F 4: Charging	30 A
ELECTRICAL SYSTEM (1500 SERIES)		
Battery		Sealed, 12 volt, 18 A.h. Yuasa - YTX20L (M420BS)
Anti-start system		RFDI D.E.S.S. (Radio Frequency Identification Digitally Encoded Security System) with selectable maximum vehicle speed settings for LK (learning key)

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ELECTRICAL SYSTEM (1500 SERIES)		
Fuses	#1: Not Used	---
	#2: Diagnostic connector	15 A
	#3: START/STOP	3 A
	#4: GPS (if so equipped)	3 A
	#5: iBR power (except GTS models)	30 A
	#6: Voltage rectifier/regulator	30 A
	#7: Not Used	---
	#8: Battery	30 A
	#9: Not Used	---
	#10: Not Used	---
	#11: Depth sounder (if so equipped)	3 A
	#12: O.T.A.S., gauge start up and CAPS	3 A
	#13: Inj/Ign cyl 1	10 A
	#14: Inj/Ign cyl 2	10 A
	#15: Inj/Ign cyl 3	10 A
	#16: Starter solenoid	5 A
	#17: iBR control (except GTS models)	5 A
	#18: Fuel pump	10 A
	#19: ECM power	15 A
STEERING		
Steering		Fixed column
Steering nozzle pivoting angle		20°
O.T.A.S. (Off-Throttle Assisted Steering)		Electronically-controlled
PROPULSION		
Jet pump	Type	Axial flow single stage
	Grease type	Jet pump bearing grease (P/N 293 550 032)

PROPULSION			
Impeller	Rotation (seen from rear)		Counterclockwise
	Pitch	GTI GTI SE GTS	11.5°/16°
		GTI SE 130 GTI SE 155 GTI LTD 155 Wake 155	11°/18°
		GTR GTR-X	12°/17°
	Outside diameter	GTI GTI SE GTS	150 mm ± 0.06 mm (5.906 in ± .002 in)
		GTI SE 130 GTI SE 155 GTI LTD 155 Wake 155	155.5 mm ± 0.06 mm (6.122 in ± .002 in)
		GTR GTR-X	161 mm ± 0.06 mm (6.339 in ± .002 in)
Impeller/wear ring clearance	New		0 mm to 0.23 mm (0 in to .009 in)
	Wear limit		0.35 mm (.0138 in)
Impeller shaft	End play (new)		0
	Side play		0
Drive shaft	Coupling type		Crowned splines, direct drive
	Deflection (max.)		0.5 mm (.02 in)
Minimum required water level for propulsion system			90 cm (3 ft) underneath the lowest rear portion of hull
IBR AND VTS (EXCEPT GTS MODELS)			
Description			Intelligent Brake and Reverse activated by a LH lever. Electronically-controlled iBR gate to provide brake, reverse, neutral and forward position
Gate angle (from horizontal line of watercraft)	Forward		Approx. from +5° to -3°
	Neutral		Approx. -55°
	Braking		Approx. -70°
	Reverse		Approx. -70°
VTS system			Electronically-controlled through the VTS control button with 2 preset positions
VTS range angle			+6° / -0°
Actuator			12 V, 75 A max. capacity. Reversible PWM (pulse-width modulation) motor

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WEIGHT AND LOADING CAPACITY		
Dry weight	GTS	286 kg (631 lb)
	GTI GTI SE	291 kg (642 lb)
	GTI SE 130 GTI SE 155 GTI Limited 155	359 kg (791 lb)
	GTR	367 kg (809 lb)
	GTR-X	373 kg (822 lb)
	Wake 155	363 kg (800 lb)
Number of passenger (driver incl.)	GTR-X	2
	All other models	3
Load limit (passenger and 10 kg (22 lb) luggage)	GTR-X	182 kg (401 lb)
	All other models	272 kg (600 lb)

DIMENSIONS		
Overall length	GTR-X	331.6 cm (130.6 in)
	All other models	336.8 cm (132.6 in)
Overall width		123.1 cm (48.5 in)
Overall height	GTR-X	113.8 cm (44.8 in)
	All other models	111.8 cm (44 in)

MATERIALS		
Impeller material		Stainless steel
Impeller housing/stator		Aluminum/aluminum
Deck	GTR-X	CM-TEC process, composite
	All other models	Fiberglass reinforced polypropylene
Hull	GTI GTI SE GTS	Polytech process, (Fiberglass reinforced polypropylene)
	All other models	CM-TEC process, composite
Inlet grate		Aluminum
Steering cover		Thermoplastic
Venturi		Aluminum
Nozzle		Aluminum
Fuel tank		Polyethylene
Seat		Polyurethane/foam