SEA-DOO

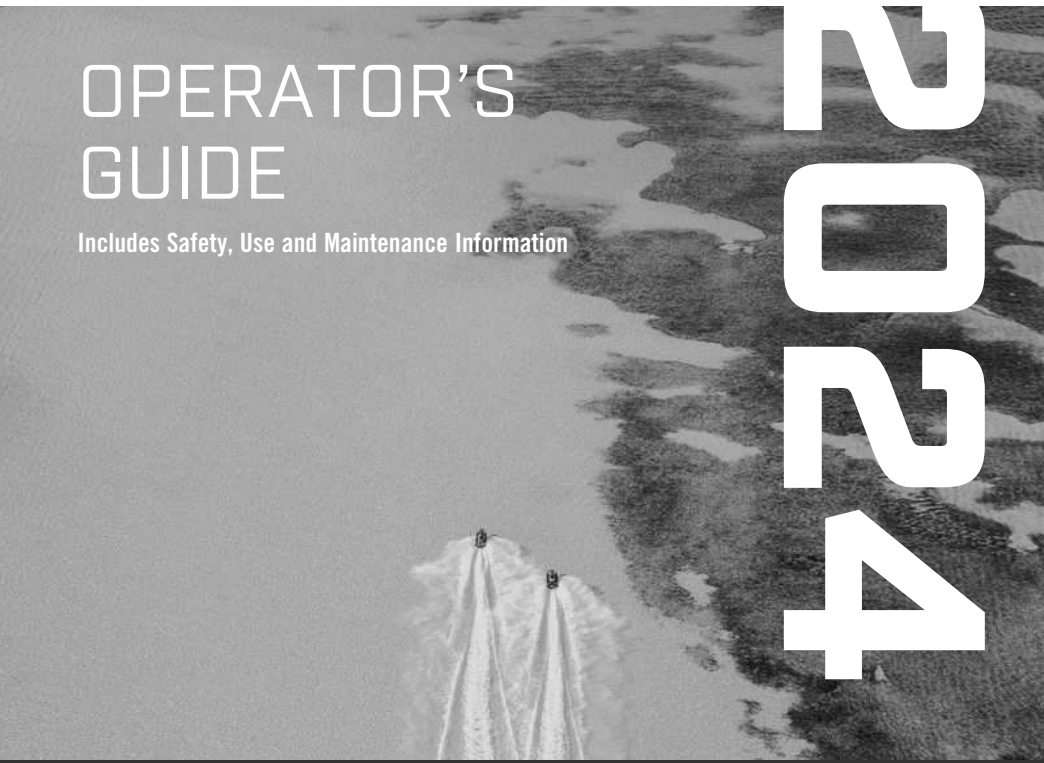
BRP

GTI, GTR AND WAKE SERIES

OPERATOR'S GUIDE

Includes Safety, Use and Maintenance Information

2024



⚠ WARNING

Read this guide thoroughly. It contains important safety information.
Minimum recommended operators age: 16 years old.
Keep this operator's guide with the watercraft at all times.

219002349

Original Instructions

CALIFORNIA PROPOSITION 65 WARNING

⚠ WARNING

Operating, servicing and maintaining a recreational marine vessel can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, service your vessel in a well-ventilated area and wear gloves or wash your hands frequently when servicing this vessel. For more information go to: www.p65warnings.ca.gov/marine

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KNOW BEFORE YOU GO

Basic Rules for Safe PWC Operation

Know Before You Go:
Basic Rules For Safe PWC Operation

Improper operation can result in severe injury or death.

Operators Must Be Qualified

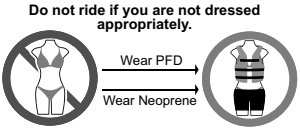
- ☑ Make sure operator is 16 or older and has taken a boater safety course. Your state (or province) may have additional requirements.

Operators Must Avoid Collisions

- ☑ Scan constantly for people, objects and other watercraft.
- ☑ Stay far enough away from others so you can always safely coast to a stop.
- ☒ Do not release throttle when trying to steer away from objects-as with other powerboats, **you need throttle to steer**.

Protect All Riders

- ☑ Falls can result in severe injury or death.
- ☑ All riders must wear shorts with neoprene (wet suit material) to keep water from being forcefully injected into rectum or vagina during a fall backward. Riders not wearing neoprene shorts have received severe rectal, vaginal, and internal injuries resulting in permanent damages.



- ☑ All riders must wear an approved PFD (Personal Flotation Device).
- ☑ Be sure riders are properly seated and holding on. Riders can be thrown off PWC during unexpected acceleration or aggressive operation. Avoid aggressive operation, sharp turns, and unexpected acceleration.

- ☒ Do not apply throttle when anyone is boarding or at rear of PWC.
- ☒ Do not jump wakes or waves - jumping can cause injuries such as back or spinal injury (paralysis).

Do not permit reckless operation:

- ☒ Do not go near others to spray or splash them with water, go too close to other boats, or go too fast for traffic conditions.
- ☒ Never ride after consuming alcohol or drugs.

Available Languages

Deutsch	Dieses Handbuch ist möglicherweise in Ihrer Landessprache verfügbar. Bitte wenden Sie sich an Ihren Händler oder besuchen Sie: **www.operatorsguides.brp.com**
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Covered Models
GTI 130
GTI SE 130 GTI SE 170 GTI SE 170 iDF GTI SE 130 iDF and Audio GTI SE 170 iDF and Audio
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GENERAL INFORMATION

FOREWORD

Congratulations on your purchase of a new Sea-Doo® personal watercraft (PWC) (hereinafter referred to as "watercraft"). It is backed by the BRP warranty and a network of authorized Sea-Doo watercraft dealers ready to provide the parts, service or accessories you may require.

Your dealer is committed to your satisfaction. He has taken training to perform the initial setup and inspection of your watercraft as well as completed the final adjustment before you took possession. If you need more complete servicing information, please ask your dealer.

At delivery, you were also informed of the warranty coverage and signed the *Pre-Delivery Check List* to ensure your new watercraft was prepared to your entire satisfaction.

Know Before You Go

To learn how to reduce the risk for you or other persons being injured or killed, read the following sections before you operate the watercraft:

– *Safety Information*
– *Watercraft Information*.

Read and understand all safety labels on your watercraft and watch attentively the *Safety Video* located at:

https://www.sea-doo.com/safety

Or, use the following QR code.

Safety Messages

This operator's guide utilizes the following symbols and words to emphasize particular information:

The safety alert symbol ⚠ indicates a potential injury hazard.

⚠ DANGER

Indicates a potential hazard which, if not avoided, will result in serious injury or death.

⚠ WARNING

Indicates a potential hazard which, if not avoided, could result in serious injury or death.

⚠ CAUTION

Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

Indicates an instruction which, if not followed, could severely damage watercraft components or other property.

About this Operator's Guide

This operator's guide has been prepared to acquaint the owner / operator or passenger with this watercraft and its various controls, maintenance and safe riding instructions.

Keep this Operator's Guide in the watercraft as you can refer to it for the operation, instructing others, maintenance and troubleshooting. This operator's guide needs to remain with the watercraft at all time.

This guide is available in several languages. In the event of any discrepancy, the English version shall prevail.

If you want to view and/or print an extra copy of your operator's guide, simply visit the following website:

www.operatorsguides.brp.com

The information contained in this document are correct at the time of publication. However, BRP maintains a policy of continuous improvement of its products without imposing upon itself any obligation to install them on products previously manufactured. Due to late changes, some differences between the manufactured product and the descriptions and / or specifications in this guide may occur. BRP reserves the right at any time to discontinue or change specifications, designs, features, models or equipment without incurring any obligation upon itself.

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SAFETY INFORMATION

BEFORE YOU GO

⚠ WARNING

Disregarding any of the safety precautions and instructions included in this section could cause injury including the possibility of death. Any potential operator should read and understand this guide before operating the watercraft.

Operating Age and Ability

Operators must be qualified. Make sure the operator is 16 or older and has taken a boater safety course. Your state (or province) may have additional requirements. Laws regarding the minimum age and licensing requirements vary from one jurisdiction to another. Be sure to contact the local boating authorities for information regarding the legal operation of a watercraft in the intended jurisdiction of use.

Operation of this watercraft with a disability that impairs vision, reaction time, judgment, or operation of the controls is not recommended.

Remember that sun, wind, fatigue or illness may impair your judgment and reaction time.

Each passenger must be able to simultaneously place both feet firmly flat against each footwell when properly seated.

Drugs and Alcohol

Never ride after consuming alcohol or drugs. Riding on a watercraft requires the operator and passenger(s) to be sober, attentive and alert. The use of drugs and alcohol, singly or in combination, decreases reaction time, impedes judgment, impairs vision, and inhibits your ability to safely ride on a watercraft.

Safe Boating Courses

Many countries recommend or require a boating safety course. Check with your local competent authorities.

Applicable Boating Laws

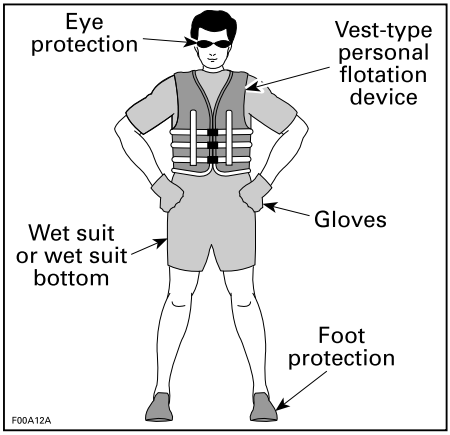
Check boating laws applicable to the waterways where you intend to use your watercraft. Learn the local navigation rules.

Protective Gear

All riders MUST wear:

1. An approved **Personal Flotation Device (PFD)** meeting your country regulations. The size of the PFD shall be appropriate for the wearer.
2. **Shorts with neoprene** (wetsuit material) to keep water from being forcefully injected into rectum or vagina during a fall backward. Riders not wearing neoprene shorts have received severe rectal, vaginal, and internal injuries resulting in permanent damage. Normal swimwear does not adequately protect against forceful entry of water into the lower male or female body opening(s).

Footwear, gloves, safety goggles or glasses can be worn. Wind, water spray, bugs and speed may cause a person's eyes to water and create blurred vision.



If you are planning a ride in cold weather or water, consider adding appropriate warm clothing such as a complete wet suit or dry suit. Not only will it make your ride more comfortable, but it may delay or protect you from hypothermia if you fall into cold water. Be prepared for changing conditions.

Helmets: Weighing the Risks vs Benefits

Since each option minimizes some risks, but increases others, before each ride you must decide whether to wear or not wear a helmet based on your particular situation. If you decide to wear a helmet, look for helmets that meet DOT or Snell standards, and if possible, choose one designed for motorized watersports.

Helmets are designed to offer some degree of protection in case of impacts to the head. In most motorized sports, the benefits of wearing a helmet clearly outweigh the drawbacks. However, in the case of motorized watersports such as riding personal watercraft, this is not necessarily true as there are some particular risks associated with the water.

Benefits

A helmet helps to reduce the risk of injury in case of a head impact against a hard surface such as another craft in the case of a collision. Similarly, a helmet with a chin guard might help prevent injuries to the face, jaw or teeth.

Risks

On the other hand, in some situations when falling off the watercraft, helmets have a tendency to catch the water, like a “bucket”, and put severe stresses on the neck or spine. This could result in choking, severe or permanent neck or spine injury or death. Helmets may also interfere with peripheral vision and hearing, or increase fatigue which could contribute to increase the risk of a collision.

Required Equipment

As the owner of the watercraft, you are responsible for ensuring that all required safety equipment is aboard. Check your local regulations about requirements.

This could include:

– Fire extinguisher. Maintenance, repair and refilling must be carried out in accordance with the manufacturer's instructions.
– A watertight flashlight or approved flares
– Sound-producing device (horn, whistle or bell etc.)
– Visual Distress Signal
– Phone in a watertight compartment designed for this application
– Current local map
– First aid kit
– Throw rope.

GET FAMILIAR WITH THE WATERCRAFT

The performance of this watercraft may exceed the performance of other watercrafts you may have operated. Do not assume that all watercrafts handle identically.

Make sure you read and understand the content of this operator's guide to become completely familiar with the controls and operation of the watercraft before embarking on your first trip, or taking on a passenger(s). If you have not had the opportunity to do so, practice in a suitable traffic-free area to become accustomed to the feel and response of each control. Be fully familiar with all controls before accelerating above idle speed.

Jet Thrust

Your watercraft features a jet drive propulsion system. The water is drawn up from underneath the watercraft from the intake grate and is accelerated by the venturi to produce thrust. This accelerated water is going out at the rear of the craft.

All riders must wear shorts with neoprene (wetsuit material) to keep water from being forcefully injected into rectum or vagina during a fall backward. Riders not wearing neoprene shorts have received severe rectal, vaginal, and internal injuries resulting in permanent damage. Normal swimwear does not adequately protect against forceful entry of water into the lower male or female body opening(s).

The jet pump may pick up debris and throw it rearward causing a risk of injuring people, damaging the jet pump, or other property.

Do not start the engine or operate the watercraft if anyone is in the water nearby, or near the rear of the watercraft.

Steering

Your watercraft has a steerable nozzle at the rear of the boat controlled by the handlebars which direct the stream of water from left to right. To turn the watercraft, both steering and power are necessary.

Do not release the throttle when trying to steer away from objects — as with other powerboats, you need power to steer.

If the engine is shut off, steering is lost.

Tether Cord (Safety Lanyard)

Keep the tether cord clip attached to the operator's PFD or wrist (wrist strap required) at all times and keep it free from snagging on the handlebars to help ensure the engine stops should the operator fall off.

If the operator falls off the watercraft and the tether cord is not attached as recommended, the engine will not stop and the watercraft will keep running without a driver. The operator may not be able to swim back to it.

After riding, always remove the tether cord from the engine cut-off switch to avoid unauthorized use by children or others and to prevent starting in a closed environment (e.g.: garage).

To prevent accidental starting, always detach the tether cord from the engine cut-off switch when swimmers are boarding, nearby, or during removal of any weeds or debris from the intake grate.

Braking

Most watercrafts have no means of braking.

On some models, advancement in technologies now permits us to offer a braking system called the iBR (intelligent Brake and Reverse). Practice braking maneuvers in a safe traffic-free area to become familiar with handling under braking and with stopping distances under various operating conditions.

Stopping distance will vary depending on initial speed, load, wind, number of riders and water conditions. The amount of braking power commanded by the operator using the iBR lever will also affect stopping distance.

When braking, riders must brace themselves against the deceleration force to prevent from moving forward on the watercraft and losing balance.

When operating an iBR equipped watercraft, be aware that other boats following or operating in close proximity may not be able to stop as quickly. Inform the operator of a watercraft who intends to follow you in a convoy formation of the braking capability of your watercraft and the need of keeping a greater distance between watercraft.

The brake feature of the iBR system cannot prevent your watercraft from drifting due to current or wind. It has no braking effect on the rearward velocity. Also note that your engine must be running to be able to use the brake.

Learning Key (available as accessory)

The Sea-Doo LK™ learning key limits the speed of the watercraft. It could be an option for first time users and less experienced operators to learn how to operate the watercraft.

Visit your BRP authorized Sea-Doo dealer to see if this accessory is available for your model.

Cargo and Storage

Do not store any objects in areas that are not designed specifically for storage.

Do not transport cargo on the rear platform unless it is properly secured with a BRP LinQ™ certified accessory. Compatible accessories which are not BRP certified may not be considered as fit for this purpose.

When carrying loads on the rear platform or onto cargo accessories, reduce your speed and adapt your driving behavior to reduce the risk of ejection from the watercraft or contact with cargo possibly leading to injuries.

Do not exceed the payload or passenger capacities for your watercraft. Overloading can affect manoeuvrability, stability and performance. Also, heavy seas reduce capacity.

Never carry loads on the rear platform when practicing watersports. The cargo may interfere with the rope and get unlatched, becoming an obstacle to the person being towed.

Refer to *Technical Specifications* for the maximum loading capacity.

Accessories and Modifications

Any modifications or addition of accessories approved by BRP may affect the handling of your vehicle. It is important to take the time to get familiar with the vehicle once modifications are made to understand how to adapt your driving behavior accordingly.

Avoid installing equipment not specifically approved by BRP for the vehicle and avoid unauthorized modifications. These modifications and equipment have not been tested by BRP and may create hazards. For example, they could:

– Create a loss of control and increase risk of crash
– Cause overheating or short circuits increasing the risk of fire or burn injuries
– Affect the protection features provided by the vehicle.

Your vehicle may also become illegal to ride.

As an example, installing an additional GPS or cell phone support may prevent the driving capabilities of the vehicle and increase the risk of a loss of control.

Ask your authorized BRP dealer for suitable available accessories for your vehicle.

RIDE SAFELY

Riding with Passenger(s)

The operator is responsible to inform and protect the passenger(s) invited to ride.

Instruct all passenger(s) to use the handholds, seat strap, or to hold on to the waist of the person in front of them. Each passenger must be able to simultaneously place both feet firmly flat against each footwell when properly seated.

Be sure riders are properly seated and holding on. Riders can be thrown off watercraft during unexpected acceleration or aggressive operation. Avoid aggressive operation, sharp turns, and unexpected acceleration.

Falls can result in severe injury or death.

All riders must wear shorts with neoprene (wet suit material) to keep water from being forcefully injected into rectum or vagina during a fall backward. Riders not wearing neoprene shorts have received severe rectal, vaginal, and internal injuries resulting in permanent damage.

When going over waves, riders(s) may raise their body slightly off the seat to absorb the shocks with their legs.

When braking or decelerating, riders must brace themselves against the deceleration force to prevent from moving forward on the watercraft and losing balance.

Riding with passenger(s) makes the watercraft handle differently and requires greater skill.

Avoiding Collisions

Scan your surroundings constantly for people, objects and other watercraft.

Stay far enough away from others so you can always safely coast to a stop. Do not release throttle when trying to steer away from objects – as with other powerboats, you need throttle to steer.

Be alert for conditions that may limit your visibility or block your vision of others.

Do not go near others to spray or splash them with water, go too close to other boats, or go too fast for traffic conditions. You may misjudge the ability of the watercraft or your own riding skills and strike a boat or person.

If your watercraft is equipped with a braking system, be aware that other boats following or operating in close proximity may not be able to stop as quickly.

Stopping distance will vary depending on initial speed, load, wind and water conditions. The amount of braking power commanded by the operator using the iBR lever will also affect stopping distance.

Although the preferable manoeuvre to avoid an obstacle is to steer away while applying throttle, the iBR can also be used by fully braking and turning in the direction to avoid the obstacle.

Riding Behaviors

Ride within your limits and level of riding ability.

Scan constantly for people, objects and other watercraft. Stay far enough away from others so you can always safely coast to a stop.

Avoid aggressive operation, sharp turns, and unexpected acceleration that can cause riders to be thrown off.

Avoid riding in very rough waters or practicing extreme manoeuvres like jumping wakes or waves - jumping can cause injuries such as back or spinal injuries (paralysis).

Speeding

While your watercraft has the capacity of operating at high speeds, it is strongly recommended that high-speed operation only be applied when ideal conditions exist and are permitted. Higher speed operation requires a higher degree of skill and increases the risk of severe injuries.

The forces generated on the body of riders while turning, negotiating waves or wakes, operating in choppy waters, or falling off the watercraft, especially at higher speeds, may cause injury including the possibility of broken bones or more serious bodily injuries.

Reboarding

Operator and passenger(s) need to know how to swim and how to reboard the watercraft from the water. Boarding in deep water can be strenuous.

Also, make sure you and all passengers know how to reboard when accessories are installed at the rear. Board the watercraft from the rear and carefully get around the accessories. If you have difficulties, you should know how to remove the accessories and move them towards the front to provide better access to the boarding platform.

If the accessories are too heavy, swim toward the side, use passenger handhold and/or seat strap to lift yourself aboard.

Ask inexperienced riders to practice how to board the watercraft close to shore (all methods explained here) before venturing into deep water, especially when cargo is installed aboard on the rear platform.

To prevent accidental starting, always detach the tether cord from the engine cut-off switch when passenger(s) swimmers are boarding.

Moving Parts

Never turn handlebar while someone is near the rear of watercraft. Keep away from steering moving parts (nozzle, iBR gate, linkages, etc.).

Keep away from the intake grate while the engine is running. Items such as long hair, loose clothing, or PFD straps can become entangled in moving parts.

Be aware of the iBR gate movement when starting the engine, shutting down the engine or using the iBR lever. Automatic movement of the gate may squeeze fingers or toes of people taking a hold on the back or your watercraft.

Know the Waters

Know the waters in which the watercraft is to be operated.

Plan your route and avoid shallow waters or hidden rocks, rapids, as well as other possible risks. When leaving dock always inform someone you trust on land of your planned route, and estimated time of arrival. They can then contact rescue if you are late and did not reach them.

Current, tides, rapids, hidden obstacles, wakes and waves, etc., can affect safe operation. It is not advisable to operate the watercraft in rough waters or inclement weather. Keep an eye on the weather. Check local weather broadcasts before departure. Be alert to changing conditions.

Keep accurate and up-to-date charts of the boating area on board. Before getting underway, check water conditions in the planned boating area.

Ensure there is enough fuel on board for the planned trip. Always verify fuel level before use and during the ride. Apply the principle of 1/3 of the fuel to reach your destination, 1/3 to return, and keep 1/3 in reserve. Allow for changes due to adverse weather or other delays.

In shallow water, proceed with caution and at very low speeds. Grounding or abrupt stops may result in injury and watercraft damage. Always be alert for debris and objects in the water. They could be picked up and thrown rearward by the jet pump onto people.

Navigation Rules

Always ride responsibly and safely. Use common sense and courtesy.

Operating a watercraft can be compared with driving on unmarked highways and roads. To prevent collisions or avoid other boaters, a system of operating rules must be followed. Generally keep to your right and safely avoid collisions by keeping a safe distance from other watercrafts, boats, people and objects.

Make sure you know and understand the navigation system applicable to the waterways where you intend to use the watercraft.

Navigational aids on shore or on waters, such as signs or buoys, can assist you in identifying safe waters. They can indicate:

– whether you should keep to the right (starboard) or to the left (port) of the buoy
– which channel you can continue
– whether you are entering a restricted or controlled area such as a no wake or low speed zone
– hazards
– speed limits, no power craft or boating, anchorage and other useful information.

Respect no wake zones, the environment, and the rights of other users of the waterways.

Night-Time Operation

This watercraft is not designed for night-time operation.

Carbon Monoxide (CO) Poisoning

All engine exhaust contains carbon monoxide (CO), a deadly gas. Breathing CO can cause headaches, dizziness, drowsiness, nausea, confusion and eventually death.

Carbon monoxide is a colorless, odorless, tasteless gas that may be present even if you do not see or smell any engine exhaust. Deadly levels of CO can collect rapidly, and you can quickly be overcome and unable to save yourself. Also, deadly levels of CO can linger for hours or days in enclosed or poorly ventilated areas. If you experience any symptoms of CO poisoning, leave the area immediately, get fresh air and seek medical treatment.

To prevent serious injury or death from CO:

– Never run the watercraft in poorly ventilated or partially enclosed areas such as boat houses, garage, seawalls or other watercrafts in close proximity. Even if you try to ventilate engine exhaust, CO can rapidly reach dangerous levels.
– Never run the watercraft outdoors where engine exhaust can be drawn into a building through openings such as windows and doors.
– Never stand behind the watercraft while the engine is running. A person standing behind a running engine may inhale high concentrations of exhaust fumes.

After riding, always remove the tether cord from the engine cut-off switch to avoid unauthorized use by children or others and to prevent starting in a closed environment (ex: garage).

Gasoline Fires and Other Hazards

Gasoline is extremely flammable and highly explosive. Fuel vapors can spread and be ignited by a spark or flame many feet away from the engine. To reduce the risk of fire or explosion, follow these instructions:

– Use only an approved red gasoline container to store fuel.
– Strictly adhere to the instructions in *Fueling* section.
– Never start watercraft if gasoline or gasoline vapor odors is present in the engine compartment.
– Never start or operate the engine if the fuel cap is not properly secured.
– Do not carry gasoline containers in *ANY* of the storage compartments.
– Use only a BRP approved LinQ fuel caddy, which shall be properly installed and secured.
– Never refill the fuel caddy on the watercraft, refill on the dock or shore.
– Never tow a skier or a wakeboarder while having a fuel caddy installed on the swim platform.

Gasoline is poisonous and can cause injury or death.

– Never siphon gasoline with your mouth.
– If you swallow gasoline, get any in your eyes, or inhale gasoline vapors, see a doctor immediately.

If gasoline is spilled on you, wash thoroughly with soap and water and change your clothes.

Burns From Hot Parts

Certain components may become hot during operation. Avoid contact during and shortly after operation to avoid burns.

Watersports (Towing with the Watercraft)

Models with a Seating Capacity of 3 or More Only

Attachment and Towing Devices

Certain watercraft models come equipped with tow eyelets or a ski pylon.

Use the ski pylon, if equipped, to attach a tow rope for a skier or wake boarder.

Use the rear tow eyelet to attach a tow rope for a tube.

Do not use these attachment points or any other portion of the watercraft to tow a parasail, kites, gliders or any devices which can become airborne or for pulling any other craft. Personal injury or severe damage may occur.

Never carry loads on the rear platform when practicing watersports. The cargo may interfere with the rope and unsecure it, becoming an obstacle to the person being towed.

Watercraft Capacity When Towing

Always carry an observer to observe the person being towed and inform the operator about the participant's hand signals. The operator must focus his attention on operating the watercraft and the waters ahead.

You need to have seats for everyone: operator, observer, towed person. Therefore, if you are the only vessel, your watercraft must have a seating capacity of 3 or more and you can tow only one person.

Towing and Observing

If you have never towed someone behind your watercraft before, it is a good idea to spend some hours as an observer, working with and learning from an experienced operator. It is also important to be aware of the skill and experience of the person being towed.

Pulling a tube, skier or wakeboarder makes the watercraft handle differently and requires greater skill.

Always respect the safety and comfort of the person being towed.

Proceed with only as much speed as required and follow the observers' instructions.

Never make sharp turns while towing skier or rider(s). Sharp turns may result in sudden acceleration or the skier's/ rider's speed. Do not use the braking system unless absolutely necessary. Remember that although this watercraft is manoeuvrable and has stopping capabilities, the person in tow may not be able to avoid an obstacle, or your watercraft.

The driver, the observer and the person being towed, skier or rider(s), need to learn the hand signals before departure.

Participate in watersports only in safe areas. Stay away from other watercrafts, channels, beaches, restricted areas, swimmers, and heavily travelled waterways and underwater obstructions.

Hand Signals			
1. Speed up Thumbs up		**5. Cut motor** Slashing hand across throat	
2. Slow down Thumbs down		**6. OK after fall** Hands clasped over the head	
3. Turn Circling motion above head followed by pointing in the direction of the turn		**7. Stop** Hand raised with fingers outstretched	
4. Back to shore Pat top of head		**8. All OK** An "0" made with the thumb and index finger	

Fallen Skier or Rider

Any fall may result in injury: Give immediate attention to a person who has fallen. He or she is vulnerable in the water alone and may not be seen by other boaters.

Always keep the fallen skier or rider in view and on the driver's side of the watercraft. Circle fallen skier or rider slowly to return the tow rope handle or pick up the fallen skier/ rider. Always turn engine OFF when a skier/ rider is getting into or out of the watercraft or is near the watercraft.

Tow Rope

Never wrap the tow rope around your wrist, hand, or any body part. The rope may suddenly lose its slack and cause serious injuries, such as amputation.

Both the operator and observer shall monitor the location of the tow rope when participating in water sports. A slack tow rope can become entangled with a person(s) or objects on the watercraft or in the water, particularly when making a tight turn or circling, and cause serious personal injury.

Do not pull the tow rope in front of other boats and be careful not to run over the rope with the watercraft because it could get trapped in the jet pump.

Do not tow a person in any water sport on a short tow rope such that the person inhales exhaust fumes in concentration. Inhalation of concentrated exhaust fumes, which contain carbon monoxide, can result in CO poisoning, personal injury and death.

Always use a tow rope of proper tensile strength and of sufficient length. Inspect the rope and connectors before each use. Do not use if damaged. Make sure that the tow rope is adequately secured to your watercraft.

Always disconnect and safely stow the tow rope in the watercraft when not in use. While some watercraft are equipped or can be fitted with a specially designed towing mechanism, avoid installing a tow pole on a watercraft. It can become a hazard should someone fall on it.

PRACTICE EXERCISES

It is always a good idea to practice and get familiar with all controls, functions and handling characteristics of your watercraft before venturing on the water.

Where to Practice Exercises

Find a suitable area to practice the exercises. Ensure that the area meets the following requirements:

– No traffic
– No obstacles
– No swimmers
– No current
– Ample space to maneuver
– Adequate water depth

Practice Exercises

Practice the following exercises.

Turning

Practice turning in circles in both directions at slow speed.

When comfortable with the exercise, increase difficulty by making some figure 8.

When this is mastered, repeat the above exercises but at increased speed.

Stopping Distances

Practice stopping the watercraft in a straight line at various speeds and braking force. Remember that watercraft speed, load, water conditions, current and wind also affect stopping distances.

Practice releasing the throttle while going at speed and feel the deceleration rate with different speed.

Repeat exercise, but this time while applying iBR lever (if equipped). Note that the iBR system takes control of the throttle.

Steering and Avoiding an Obstacle

Practice obstacle avoidance (choose a virtual point on the water) by steering watercraft and maintaining throttle.

Repeat exercise, but this time release throttle while turning.

Repeat exercise, but this time while applying iBR lever (If equipped). Note that the iBR system takes control of the throttle.

NOTE:
With this exercise, you will learn that you need throttle to steer the watercraft in a different direction.

Reverse

Practice reverse operation to learn how the watercraft operates in reverse and reacts with steering inputs.

NOTE:
Remember that steering direction is reversed when backing.

Docking

Practice docking using the throttle, the steering and the iBR (if equipped) to become familiar with the response of the watercraft and to develop good control skills.

Slow Speed Mode, Ski Mode and Speed Limiter Mode (if equipped)

If your watercraft has any of these modes, it is also important to understand their operation and to become familiar with these features prior to using them on a ride with other people.

⚠ WARNING

The ski and the speed limiter modes are not an automatic pilot; they will not drive the watercraft for you.

FUELING

Fueling Procedure

⚠ WARNING

Gasoline is extremely flammable and highly explosive under certain conditions. Follow the instructions in this section explicitly. Improper handling of fuel could result in property damage, serious injury or death. Leaking fuel is a fire and explosion hazard. Inspect system for leaks frequently.

Fuel is flammable and explosive under certain conditions. Do not smoke or allow open flames or sparks in the vicinity.

1. Stop engine.
2. Have the operator and passenger(s) get out of watercraft.
3. If on the water, moor the watercraft securely to the dock.
4. Unscrew slowly the fuel cap counterclockwise to stabilize pressure before removing it.

NOTE:
A short whistling sound is normal.

5. Insert the spout into the filler neck.

NOTE:
Be certain that you are putting fuel in the right location and not using a ventilation hole or ski pylon hole by mistake.

6. Pour fuel slowly so the air can escape from the tank and prevent fuel flow back. Be careful not to spill fuel.
7. Stop filling after the release of the gas pump nozzle handle and wait a moment before removing the spout. Do not retract the gas pump nozzle to put more fuel into the fuel tank. Do not overfill.
8. Install fuel tank cap and tighten it clockwise until you hear a ratchet sound.
9. Always wipe off any fuel spillage from the watercraft.
10. After refueling, always open or remove the seat or the lateral panel (depending on models) and ensure there is no gasoline odor inside the engine compartment. Do not start watercraft if you smell gasoline odor.

Fuel Requirements

NOTICE

Always use fresh gasoline.

Gasoline will oxidize; the result is loss of octane, volatile compounds, and the production of gum and varnish deposits which can damage the fuel system.

Alcohol fuel blending varies by country and region. Your vehicle has been designed to operate using the recommended fuels, however, be aware of the following:

– Use of fuel containing alcohol above the percentage specified by government regulations is not recommended and can result in the following problems in the fuel system components:
  – Starting and operating difficulties.
  – Deterioration of rubber or plastic parts.
  – Corrosion of metal parts.
  – Damage to internal engine parts.
– Inspect frequently for the presence of fuel leaks or other fuel system abnormalities if you suspect the presence of alcohol in gasoline exceeds the current government regulations.
– Alcohol blended fuels attract and hold moisture which may lead to fuel phase separation and can result in engine performance problems or engine damage.

Recommended Fuel

The gasoline must have the following minimum octane requirements:

Engine	Recommended Fuel
300	Use Premium gasoline with an AKI (RON+MON)/2 octane rating of 92 or an RON octane rating of 95.
All other	Use common gasoline with an AKI (RON+MON)/2 octane rating of 87 or an RON octane rating of 91.

Use unleaded gasoline containing MAXIMUM 10% ethanol.

NOTICE

Never experiment with other fuels. Engine or fuel system damages may occur with the use of an inadequate fuel.

NOTICE

Do NOT use fuel from fuel pumps labeled E85.

Use of fuel labeled E15 is prohibited by U.S. EPA Regulations.

TRANSPORTING THE WATERCRAFT

NOTICE

The span of the trailer bunks including bunk width should be adjusted to provide support throughout the full length of the hull. The ends of both trailer bunks should not exceed the length of the watercraft.

Ensure the trailer wheels are positioned so that the center of gravity of the watercraft is slightly ahead of the wheels to properly support the weight of the watercraft.

Carry the watercraft in its normal operating position.

Check the applicable laws and regulations in your area concerning towing a trailer, especially for the following items:

– Brake system
– Tow vehicle weight
– Mirrors.

Respect tow vehicle maximum weight capacity and the tongue weight capacity as recommended by the manufacturer.

Tie the watercraft to both front and rear (bow/stern) eyelets so that it is firmly secured on the trailer. Use additional tie-downs if necessary.

Ensure fuel tank cap, front storage compartment cover, glove box cover, boarding platform and seat are properly latched.

Make sure all accessories and cargo are properly secured.

Observe trailering safety precautions.

Do not route ropes or tie-downs over the seat or attach them to the grab handle to avoid these parts permanently damaged. Wrap ropes or tie-downs with rags or similar protectors where they can come into contact with the watercraft body.

A Sea-Doo cover can protect the watercraft, particularly when driving on dirt roads, to prevent dirt entry through the air inlet openings.

When transporting 2 watercrafts, it may be necessary to remove the inner wakeboard rack, if equipped.

For more information, see the following video: SEA-DOO HOW TO SERIES - PROPER WATERCRAFT TRAILERING

https://www.youtube.com/watch?v=mXtHWIdt7yI

Or, use the following QR code.

⚠ WARNING

Make sure all seats, accessories and cargo are properly secured, or remove it to prevent from falling on the road and creating a hazard for following vehicles.

IMPORTANT ON-PRODUCT LABELS

Watercraft Safety Labels

These labels are affixed to the vehicle for the safety of the operator, passengers or bystanders.

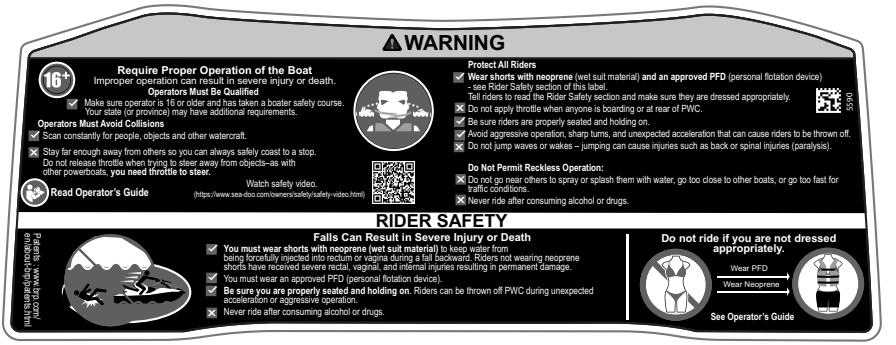
The operator and when applicable, the passenger, shall read and understand this information before riding.

The labels illustrated on the following pages are on your watercraft. If missing or damaged, they can be replaced free of charge. See an authorized Sea-Doo dealer.

NOTE:
In the event of any discrepancy between this guide and the vehicle, the safety labels on the vehicle have precedence over the labels in this guide.

General Information – Warning Label

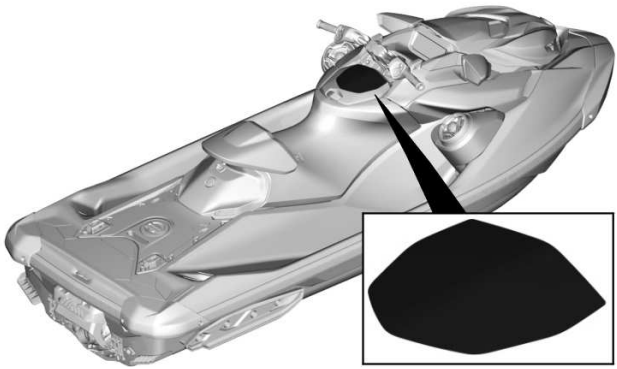
ALL EXCEPT GTR-X 300



GENERAL INFORMATION - WARNING LABEL

LABEL LOCATION

GTR-X 300

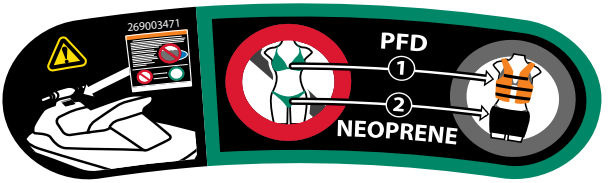


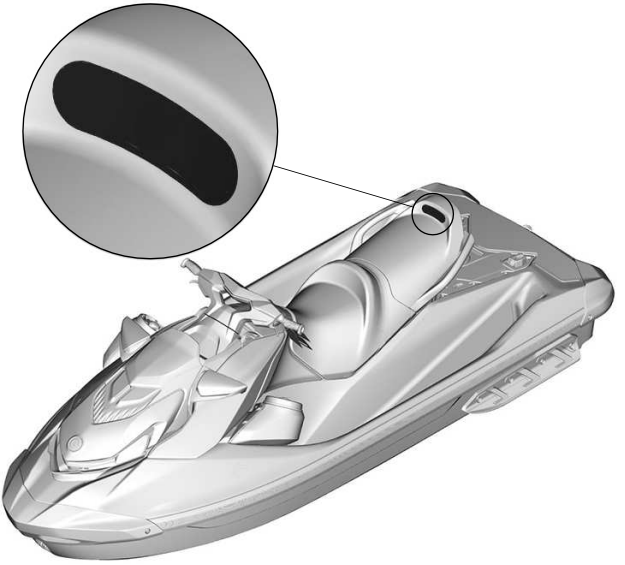
LABEL LOCATION

Passenger Appropriate Attire - Warning Pictogram

⚠ WARNING

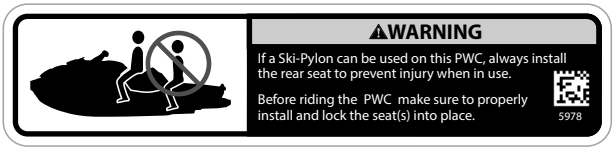
- **Refer to the general safety label located on the glove box.**
- **Riders must always wear an approved PFD.**
- **Riders must always wear shorts with neoprene (wet-suit material).**

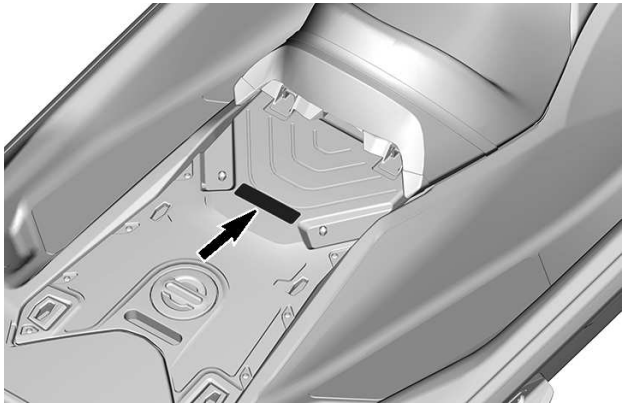




TYPICAL – LABEL LOCATION

Do Not Sit Pictogram - Warning Label





LABEL LOCATION

Fueling Procedure - Warning Label

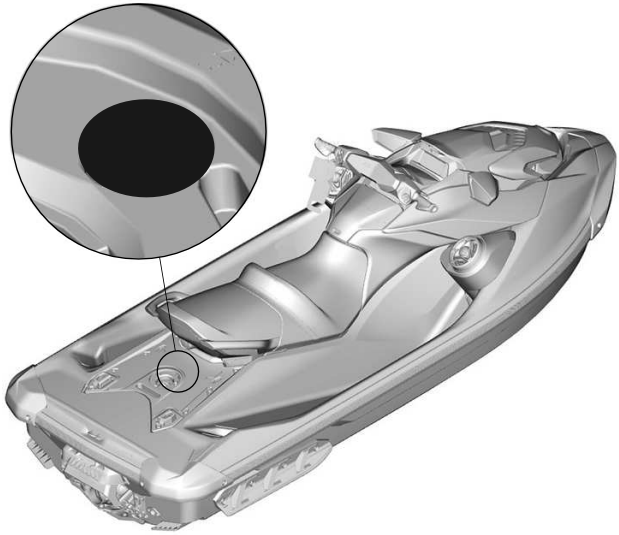
FUELING PROCEDURE - WARNING LABEL

LABEL LOCATION

No fuel – Warning Molded Pictogram

⚠ WARNING

Never put gasoline in this hole. Gasoline is extremely flammable and highly explosive. Fuel vapors can spread and be ignited by a spark or flame many feet away.

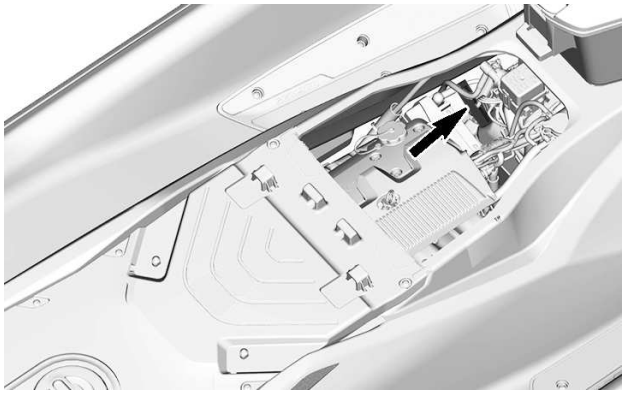


TYPICAL – LABEL LOCATION

Re-Boarding - Warning Label

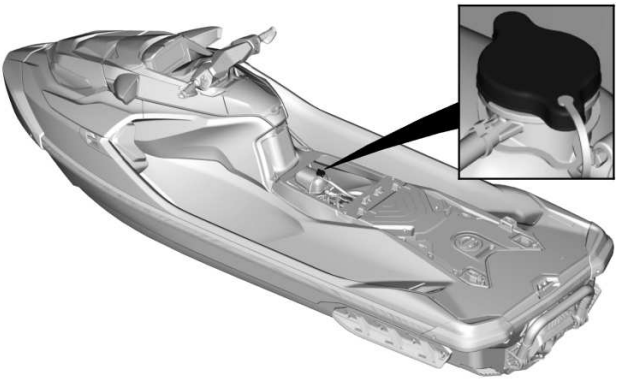
TYPICAL – LABEL LOCATION

Charging the Battery - Warning Label



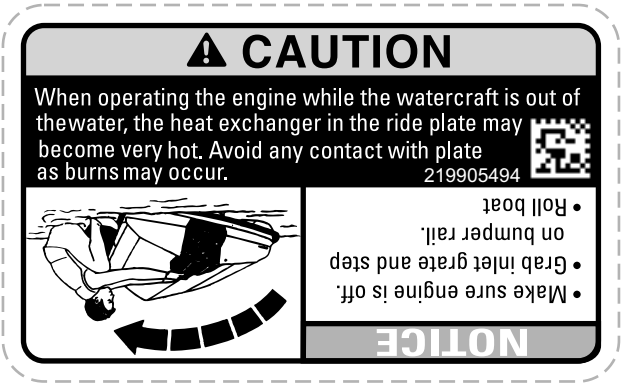
TYPICAL – LABEL LOCATION

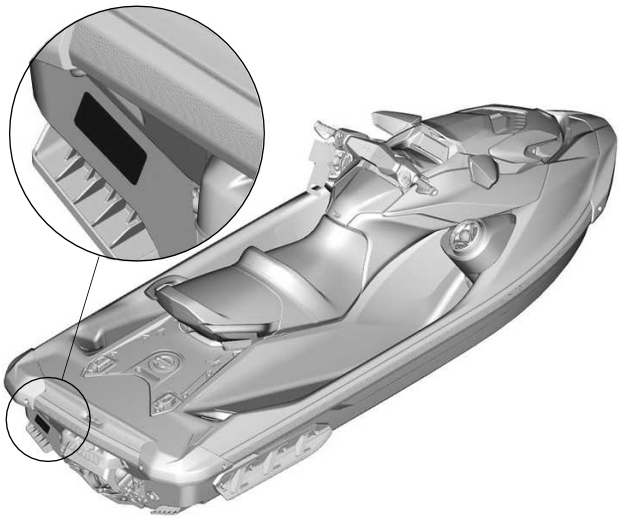
Do Not Open When Hot - Warning Label



TYPICAL – LABEL LOCATION

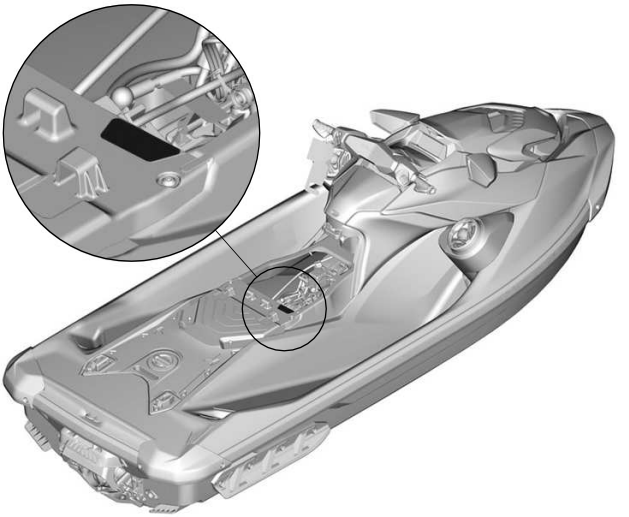
Tip Over - Caution Label





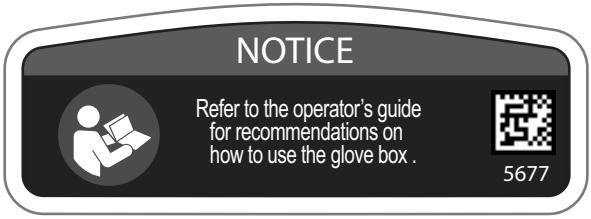
TYPICAL – LABEL LOCATION

Hot Components - Caution Label



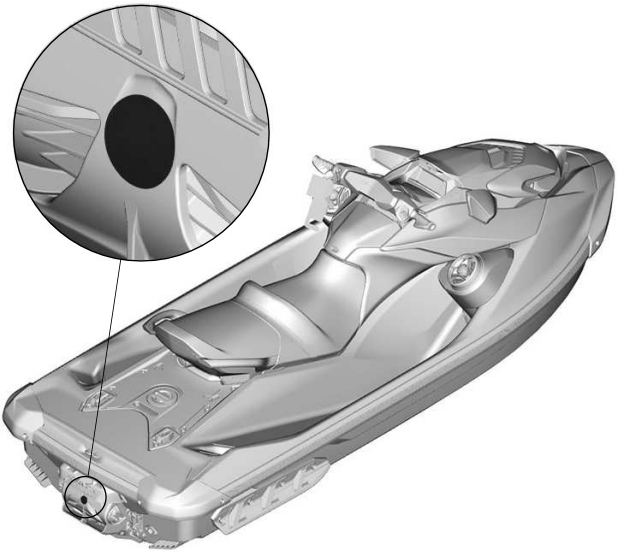
TYPICAL – LABEL LOCATION

Glove Box - Notice Label



TYPICAL – LABEL LOCATION

Do Not Use to Onboard



TYPICAL – LABEL LOCATION

High Performance Vehicle - Warning Label – GTR 230

HIGH PERFORMANCE VEHICLE - WARNING LABEL

LABEL LOCATION

Storage Compartment

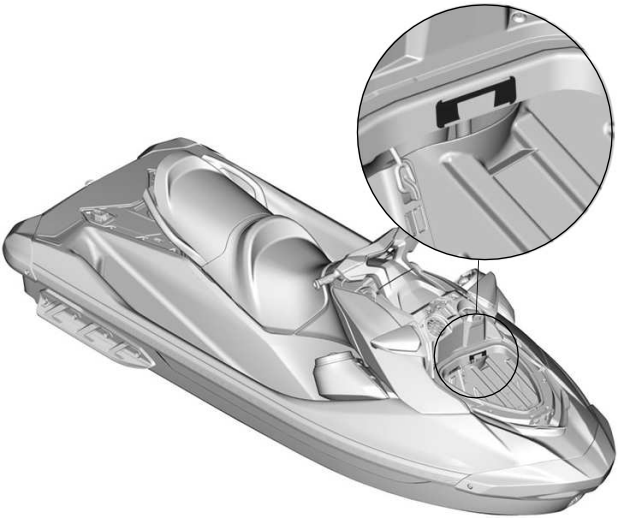
⚠ WARNING

Inside the storage compartment:
- Never carry loose, fragile or hard sharp-edged objects.
- Maximum load: 9 kg (20 lb).
- Always close the cover before riding.

This is not a watertight compartment.

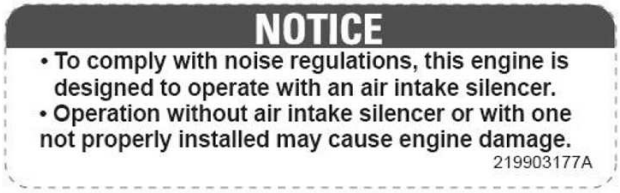
5994

STORAGE COMPARTMENT - WARNING LABEL



TYPICAL – LABEL LOCATION

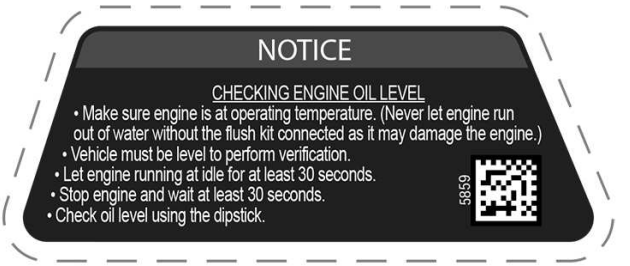
Air Intake Silencer



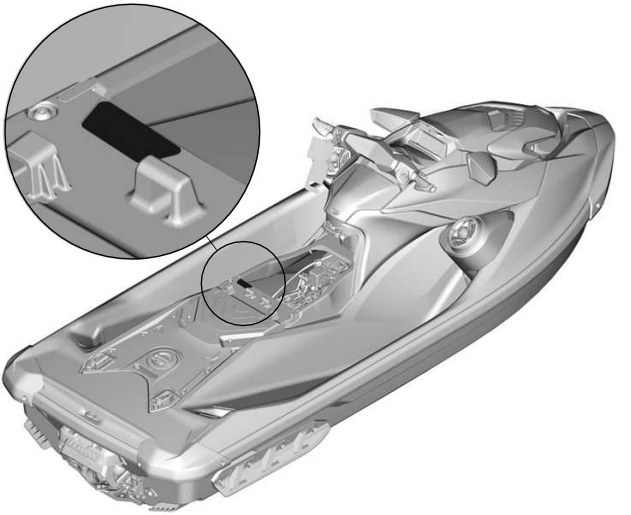
AIR INTAKE SILENCER - NOTICE LABEL

TYPICAL – LABEL LOCATION

Engine Oil Level

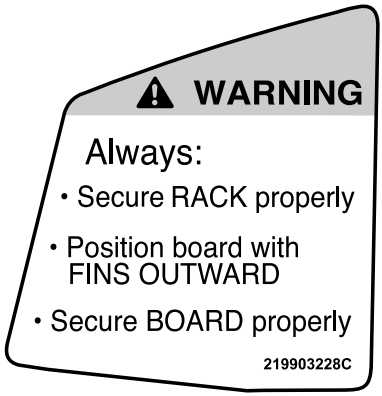


ENGINE OIL LEVEL - NOTICE LABEL

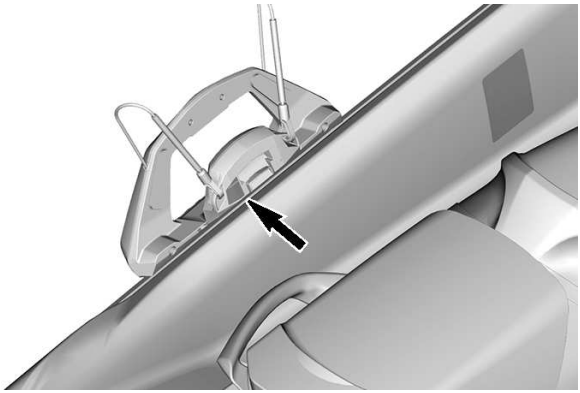


TYPICAL – LABEL LOCATION

Wakeboard Support



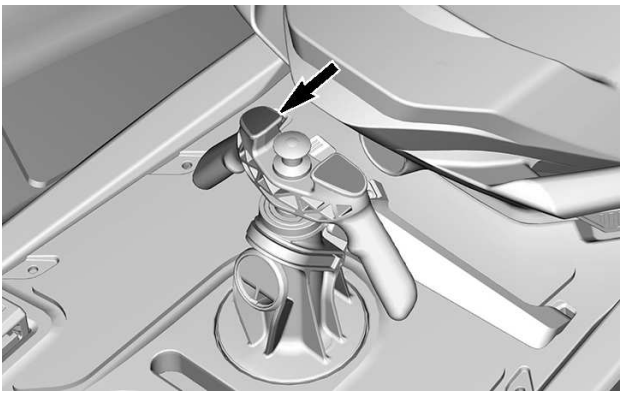
WAKEBOARD SUPPORT – WARNING LABEL



LABEL LOCATION

Retractable Ski Post

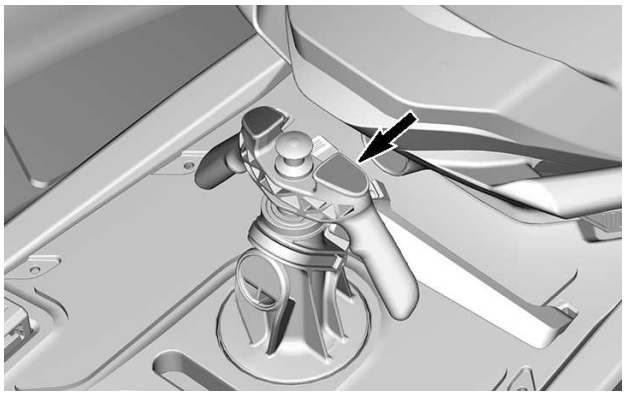
RETRACTABLE SKI POST – USE – WARNING LABEL



LABEL LOCATION

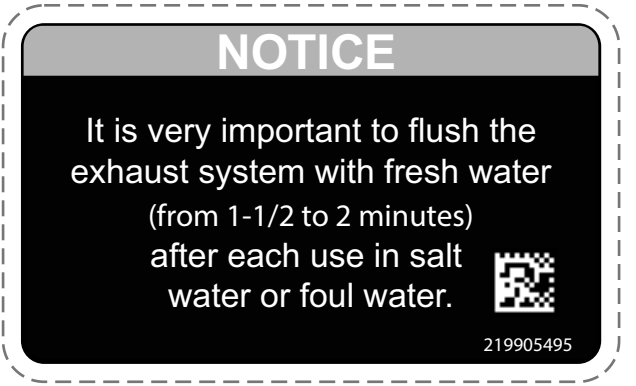
Retractable Ski Post

RETRACTABLE SKI POST – SPOTTER AND WEIGHT – WARNING LABEL

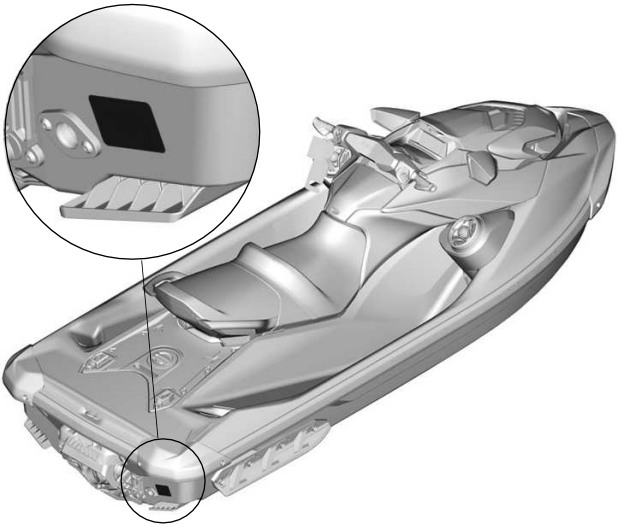


LABEL LOCATION

Exhaust System Flushing (GTR 230 & GTR-X 300)



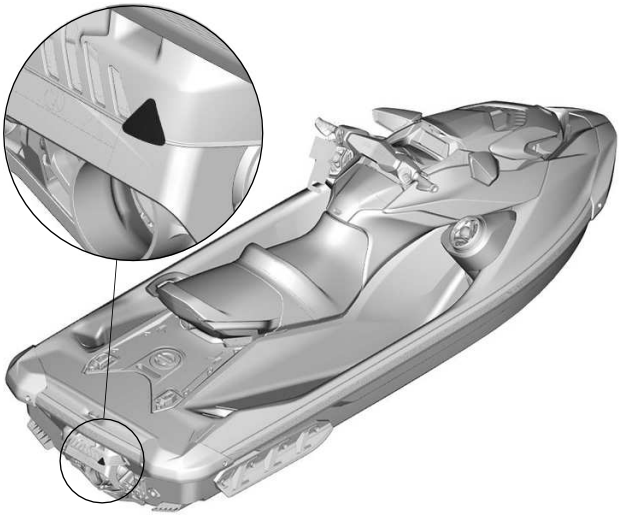
EXHAUST SYSTEM FLUSHING – SUPERCHARGED ENGINES



LABEL LOCATION

iBR Gate

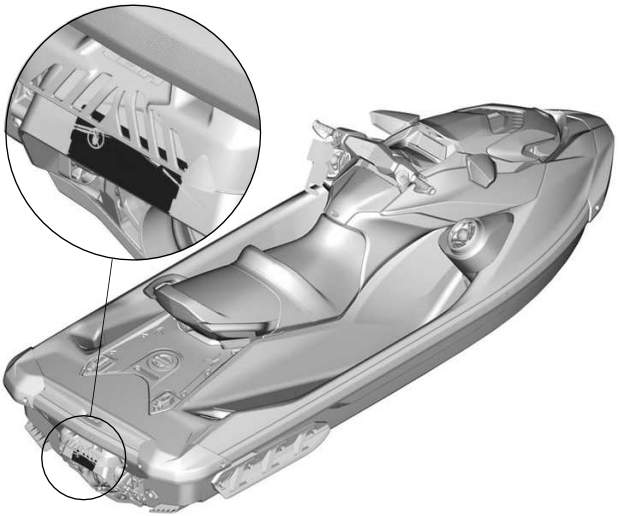
IBR GATE - WARNING LABEL



TYPICAL – LABEL LOCATION

iBR Gate - Warning Label

IBR GATE - WARNING LABEL



TYPICAL – LABEL LOCATION

Canadian Compliance Notice Label

CANADIAN COMPLIANCE NOTICE
AVIS DE CONFORMITÉ CANADIEN

MAXIMUM RECOMMENDED SAFE LIMITS
LIMITES MAXIMALES DE SÉCURITÉ RECOMMANDÉES

MAX. kg lbs/lb

MAX. + kg lbs/lb

CATEGORY / CATÉGORIE:
MAXIMUM WAVE / VAGUE MAXIMALE: **m**
MAXIMUM WIND SPEED / VITESSE DE VENT MAXIMALE: **knots/noeuds**

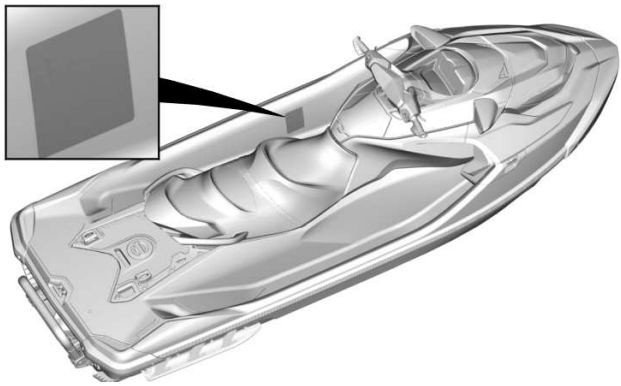
BOMBARDIER RECREATIONAL PRODUCTS INC. (YDV)
565 de la Montagne, Valcourt, J0E 2L0, QC, CA
Rotaxstrasse 1, Gunskirchen, A-4623, AT
MODEL / MODÈLE :

THE MANUFACTURER DECLARES THAT THIS PRODUCT COMPLIES WITH THE CONSTRUCTION REQUIREMENTS OF THE SMALL VESSEL REGULATIONS, AS THEY READ ON THE DAY ON WHICH THE CONSTRUCTION OF THE VESSEL WAS STARTED OR ON THE DAY ON WHICH THE VESSEL WAS IMPORTED.
LE FABRICANT ATTESTE QUE CE PRODUIT EST CONFORME AUX EXIGENCES DE CONSTRUCTION DU REGLEMENT SUR LES PETITS BÂTIMENTS EN VIGUEUR À LA DATE DU DÉBUT DE SA CONSTRUCTION OU DE SON IMPORTATION.

MAXIMUM CAPACITIES
ABOVE INFORMATION ALSO
APPLIES IN THE U.S.A.

6109

CAN ICES-002/ NMB-002



TYPICAL – LABEL LOCATION

Hang Tag

California Proposition 65 Warning

⚠ **WARNING**. Operating, servicing and maintaining a recreational marine vessel can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, service your vessel in a well-ventilated area and wear gloves or wash your hands frequently when servicing this vessel.

For more information go to www.P65warnings.ca.gov/products/marine

219905280

iBR Hang Tag

How to brake
- Squeeze brake lever.

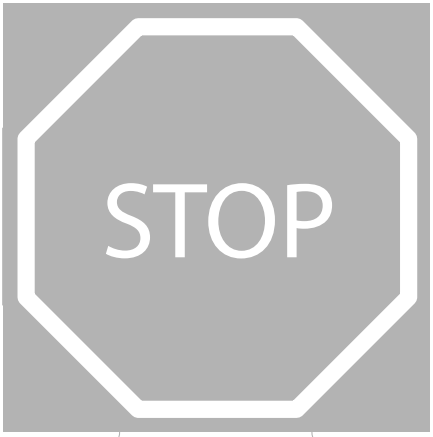
How to reverse
- Maintain brake lever engaged.

How to go forward
- Tap throttle lever to engage forward movement from neutral position.
- Squeeze throttle lever to accelerate.

How to get to neutral
- Tap brake lever.

Refer to the operator's guide for more information.

219906001



iBR

INTELLIGENT BRAKE AND REVERSE

THIRD GENERATION

- Allows you to stop sooner for greater peace of mind .
- Recognized by the U.S. Coast Guard for improving boating safety since 2009.
- The Third Generation provides more precise and responsive control when braking and docking.

SEA-DOO

PRE-RIDE INSPECTION

Always inspect and confirm the safe operating condition of your vehicle prior to ride.

Always follow the maintenance schedule described in this Operator's Guide.

⚠ WARNING

Perform a pre-ride inspection before each ride to detect potential problems during operation. The pre-ride inspection can help you monitor wear and deterioration before they become a problem. Correct any problems that you discover to reduce the risk of a breakdown or crash.

Before using this vehicle, the operator should always perform the following pre--ride inspection check list.

Refer to *Maintenance Procedures* for details.

What to Do Before Launching the Watercraft

⚠ WARNING

Engine should be off and the tether cord cap should always be removed from the engine cut-off switch prior to verifying any of the following points. Only start watercraft once all items have been checked and operate properly.

NOTE: Before starting the engine and taking off, it is recommended to shake vertically the rear of the watercraft to shake away any sand that may have accumulated near the propulsion and reverse systems.

Check the items listed in the following table before launching the watercraft.

ITEM	OPERATION
Hull	Inspect hull, ride plate and water inlet grate for damages. Properly clean the hull before launching the watercraft when moving to a different water plan to prevent from spreading aquatic invasive species (AIS)
Jet pump water intake	Inspect/clean
Drain plugs	Tighten
Fuel tank	Refill
Engine compartment	Check for any visible fluid leaks and gasoline vapor odor
Engine oil level	Check/refill

Engine coolant level	Check/refill
Steering system	Check operation
iTC lever	Check operation. (Depress and release the lever to check for freedom of movement. If any friction is felt in the throttle lever, refer to an authorized *Sea-Doo* dealer.)
iBR lever (if equipped)	Check operation. (Depress and release the lever to check for freedom of movement. If any friction is felt in the iBR lever, refer to an authorized *Sea-Doo* dealer.)
Front storage compartment cover (if equipped), glove box and seat	Ensure they are closed and latched.
Wakeboard rack (if equipped)	– Ensure rack is properly installed and secured. – Make sure bungee cords are in good condition. – Ensure wakeboard is correctly installed in rack and secured.
Ski/ wakeboard pylon (if equipped)	Inspect and check operation.
Engine START/STOP button	Check operation
Engine cut-off switch and the monitoring beeper	Check operation
Battery condition and connections	Check every month
Sacrificial anodes	Inspect every month (more often in saltwater use) and change if necessary

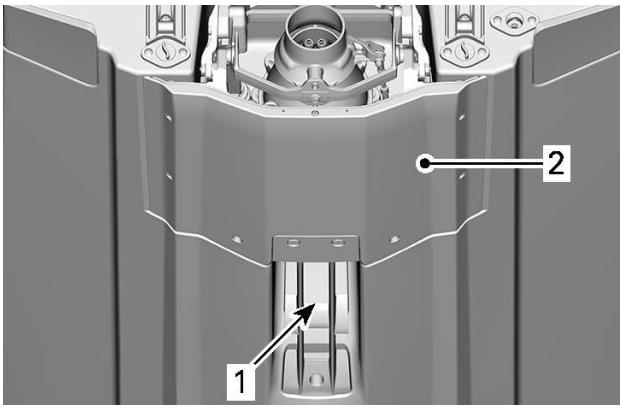
Hull

Inspect hull for cracks and other damages.

Properly clean the hull before launching the watercraft when moving to a different water plan to prevent from spreading aquatic invasive species. Refer to *What to Do After Leaving the Water* at the end of this section.

Jet Pump Water Intake

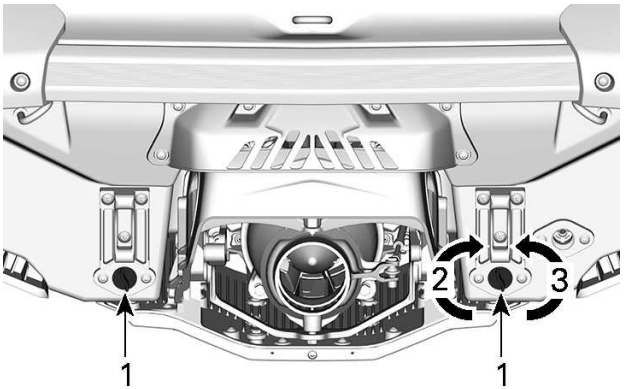
Remove weeds, shells, debris or anything else that could restrict the flow of water and damage the propulsion unit. Clean as necessary. If any obstruction cannot be removed, refer to an authorized *Sea-Doo* dealer for servicing.



1. *Water intake*
2. *Ride plate*

Drain Plugs

Secure bilge drain plugs.



1. *Bilge drain plug*
2. *Tighten*
3. *Untighten*

⚠ WARNING

Ensure bilge drain plugs are properly secured prior to launching the watercraft in water.

Fuel Tank

Fill the fuel tank.

⚠ WARNING

Strictly adhere to instructions detailed in *Fueling Procedure*.

Engine Compartment

Inspect the engine compartment for fuel vapor odor.

⚠ WARNING

Should any leak or gasoline odor be present, do not apply electrical power or start the engine. You should seek service from an authorized *Sea-Doo* dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the *US EPA Emissions-related warranty* contained herein for information about warranty claims.

To access the engine compartment, remove the seats. Refer to *Removing the Seat*.

Engine Oil

Ensure oil level is within specification as described in *Maintenance Procedures* section.

Engine Coolant

Ensure coolant level is within specification as described in *Maintenance Procedures* section.

Check for coolant leaks on engine, in bilge and from ride plate.

⚠ CAUTION

When operating the engine with the watercraft out of the water, the engine and heat exchanger in the ride plate may become very hot. Avoid any contact with hot engine parts and the ride plate as burns may occur.

Steering System

Assisted by another person, check steering operation for free movement.

When the handlebar is horizontal, the jet pump nozzle should be in the straight ahead position. Ensure the jet pump nozzle pivots easily and in the same direction as the handlebar (e.g.: when handlebar is turned to the left, the nozzle opening must point towards the LH side of watercraft).

⚠ WARNING

Check handlebar and corresponding steering nozzle operation before starting. Never turn handlebar while someone is near the rear of the watercraft. Keep away from steering moving parts (nozzle, iBR gate, linkages etc.).

iTC Lever (throttle control)

Check the iTC lever for free and smooth operation. It should return to its initial position immediately after it is released.

⚠ WARNING

Check the iTC lever operation before starting the engine. If any friction is felt in the iTC lever, refer to an authorized *Sea-Doo* dealer.

iBR Lever

Check the iBR lever for free and smooth operation. It should return to its initial position immediately after it is released.

⚠ WARNING

Check iBR lever operation before starting the engine. If any friction is felt in the iBR lever, refer to an authorized *Sea-Doo* dealer.

Storage Compartments, Boarding Platform and Seat

Ensure the glove box, boarding platform, access panels, and seat are closed and latched.

⚠ WARNING

Ensure the seat, boarding platform, access panels, and all storage compartment covers are securely latched.

Wakeboard Rack (if equipped)

⚠ WARNING

Ensure wakeboard rack is properly secured to watercraft body, and that the wakeboard is properly positioned and secured to the rack prior to using watercraft. Ensure wakeboard retaining straps are in good condition.

Ski/ Wakeboard Pylon (if equipped)

Make sure ski/ wakeboard pylon is fully extended and locked before use. Completely retract and lock when not used.

⚠ WARNING

When using the ski pylon, never carry cargo or accessories on the boarding platform.

⚠ WARNING

Use caution with a skier/ wakeboarder in tow as tow rope may backlash to the watercraft when released. Never perform a sharp turn when towing a skier, wakeboarder or any toy. Always store the tow rope when not in use.

NOTICE

The ski/ wakeboard pylon is designed for towing a skier or wakeboarder with a maximum weight of 114 kg (250 lb).

⚠ CAUTION

Never use the ski pylon to tow an inflatable tube. Always use the rear cleat for towing an inflatable tube.

Engine Cut-Off Switch and Engine START/STOP Button

Press the start button once without installing the tether cordon the engine cut-off switch.

Install the tether cord cap on the engine cut-off switch.

Press the START/STOP button to start the engine, then stop it by pressing the START/STOP button a second time.

Restart the engine, then stop it by removing the tether cord from the engine cut--off switch.

⚠ WARNING

Should the tether cord cap be loose or fail to remain on the engine cut-off switch, replace the tether cord immediately in order to avoid unsafe use. If removing the tether cord cap from the engine cut-off switch or pressing the START/STOP button does not stop the engine, do not use the watercraft. See your authorized *Sea-Doo* dealer.

What to Do After Launching the Watercraft

Check the items listed in the following table after launching the watercraft and before going for a ride.

⚠ WARNING

Engine should be off and the tether cord cap should always be removed from the engine cut-off switch prior to verifying any of the following points. Only start watercraft once all items have been checked and operate properly.

NOTE: Before starting the engine and taking off, it is recommended to shake vertically the rear of the watercraft to shake away any sand that may have accumulated near the propulsion and reverse systems.

Check the items listed in the following table before launching the watercraft.

ITEM	OPERATION
Information Center	Check operation.
Intelligent Brake and Reverse System (iBR)	Check operation.
Variable Trim System (VTS)	Check operation.

Information Center (Gauge)

1. Press START/STOP button and install tether cord on the engine cut-off switch.
2. As the information center cycles through its self-test function, ensure all indications come on.

⚠ WARNING

Always attach the tether cord clip to your PFD or to the wrist (wrist strap required).

iBR System

NOTICE

Ensure there is sufficient space ahead and behind watercraft to safely carry out the iBR system test to avoid a collision. Watercraft will move during test.

1. Remove the moorings lines securing the watercraft to the dock.
2. Start the engine and ensure the watercraft does not move.
3. On the left handlebar, depress the iBR lever completely in, the watercraft should move slowly backwards.

4. Release the iBR lever, there should not be any reverse thrust.

⚠ WARNING

Always ensure proper iBR system operation before taking the watercraft out for a ride.

Variable Trim System (VTS) (if equipped)

With the engine running in forward thrust, use the VTS to move the jet pump nozzle up, and then down alternately to check VTS operation. Confirm the VTS position indicator movement in the information center.

Also test the VTS preset trim positions by double clicking the VTS UP/DOWN button (as applicable to model).

Refer to *Operating Instructions* for detailed instructions.

What to Do After Leaving the Water

Aquatic Invasive Species (AIS) are non-native plant or animal species that threaten the diversity or abundance of the native species. They also threaten the natural ecology of the body of water they infest. AIS almost always has a negative impact on the waterway, it's native species, and recreational or commercial activities.

Common examples of AIS are:

– Eurasian Watermilfoil
– Hydrilla
– Sea Lampreys
– Zebra Mussels
– Asian Carp
– Gobies.

Many other examples of AIS exist throughout the world's waterways.

A typical factor in AIS infestations is that the non-native species are introduced by human activity. Some AIS are introduced by commercial operations; however, AIS can be introduced through recreational boating activities. The transportation of recreational watercraft and water sports equipment between waterways can be a major factor in the spread of AIS.

As responsible watercraft owners, we MUST do our part to prevent the spread of these aquatic hitchhikers. Check your watercraft each time you leave the water! In many cases it is required by law, be sure to check the local regulations for the waterways you visit.

Clean, Drain and Dry - Everything, Every Time!

After each boating trip, before you leave the water access, follow these three simple steps to stop the spread of AIS. This is the boater's way to help protect the environment from the damage that AIS can cause.

Clean

Inspect and remove any visible plants, fish, animals, mud, or other debris from the watercraft (including hull, intake grate, and jet pump nozzle), trailer, and any water sports equipment, gears and accessories before leaving the water body.

Clean all parts, equipment, and gear that came in contact with the water.

Drain

Drain and flush all water from the watercraft, exhaust system, bilge, pontoon floats, and every conceivable space or item that can hold water.

Dispose of unwanted live bait in the trash.

Dry

Allow everything to dry completely (for 5 days or more, refer to local laws) before visiting any other bodies of water.

ANNUAL SAFETY MAINTENANCE

BRP recommend to have an annual safety inspection of your vehicle. Contact an authorized Sea-doo dealer for further details.

Though not required, it is recommended that an authorized BRP dealer performs the preseason preparation of your vehicle.

Each visit to your authorized Sea-Doo dealer is a great opportunity for your dealer to verify if your vehicle is included in any safety campaign. We also urge you to visit your authorized Sea-Doo dealer in a timely manner if you become aware of any safety related campaigns.

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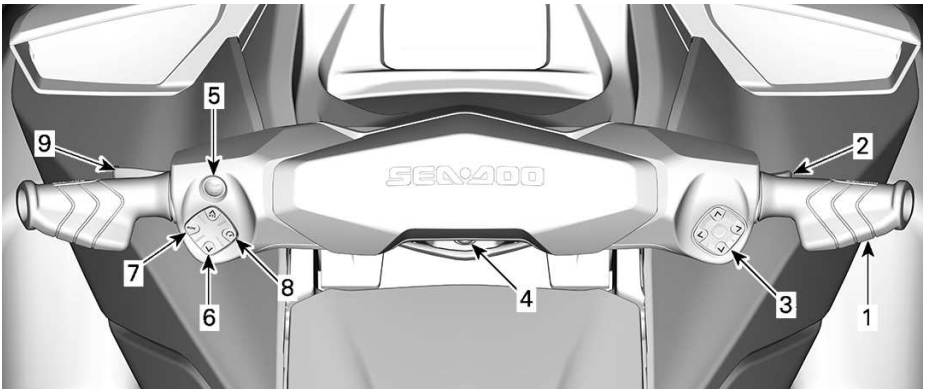
WATERCRAFT INFORMATION

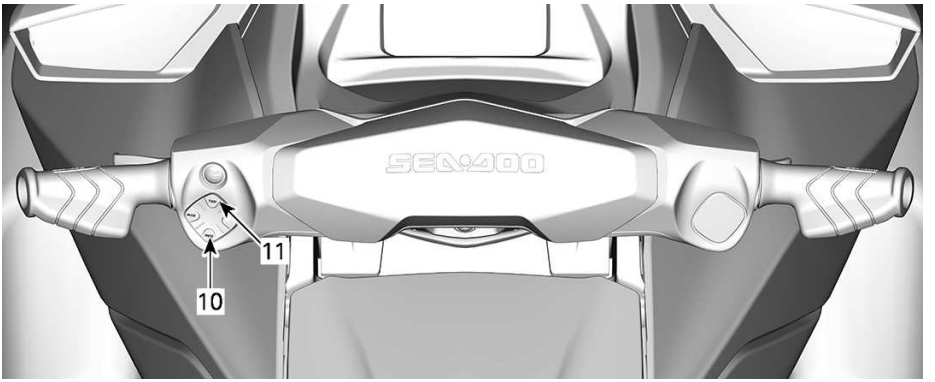
CONTROLS

Some vehicle safety labels are not shown on illustrations. For information on vehicle safety labels, refer to *Important On-Product Labels*.

Some indications, functions and features described in this section may not apply to every PWC model, or may be available as an option.



2 CONTROLLERS



1 CONTROLLER

1. Handlebar
2. Throttle Lever
3. Right Controller
4. Engine Cut-Off Switch
5. Engine START/STOP Button
6. VTS Button (if equipped)
7. Mode Button
8. Speed Control Button
9. iBR Lever (if equipped)
10. INFO Button
11. TRIP Button

Equivalent Buttons Between 1 and 2 Keypads Models		
Actions	**1 Keypad**	**2 Keypads**
Navigate in the menu	Single press on INFO	LEFT/RIGHT
Enter menu	Long press INFO	OK (CLOCK and EXIT menus only)
Edit value	Single press on INFO	UP/DOWN
Change information display	Press TRIP	UP/DOWN (TRIP menu only)
Reset Trip when displayed)	Long press TRIP	Long press UP/DOWN
Fault codes/ Maintenance	Long press INFO	OK

Handlebar

The handlebar controls the direction of the watercraft. During forward operation, turning the handlebar to the right steers the watercraft to the right and inversely.

⚠ WARNING

Check handlebar and corresponding steering nozzle operation before starting. Never turn the handlebar while someone is near the rear of the watercraft. Keep away from the propulsion system.

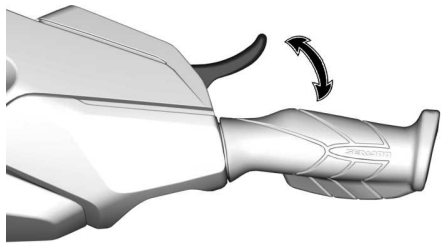
When operating in reverse, the steering direction is reversed. Turning the handlebar to the right while backing up steers the watercraft to the left.

Throttle Lever

The throttle lever on the RH handlebar controls electronically the engine speed.

To increase or maintain watercraft speed, pull the throttle lever with your finger.

To decrease watercraft speed, release the throttle lever.



The throttle lever is spring loaded and should return to rest position (idle) when not pressed.

Right Controller

The right controller is located on the RH side of the handlebar.

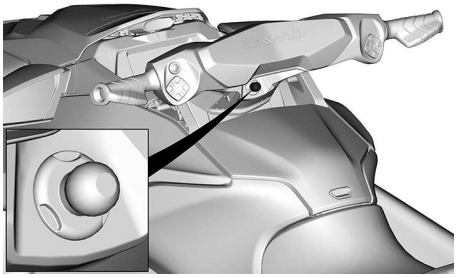
TYPICAL

The right controller includes controls to navigate in the multifunction gauge.

– Arrow UP
– Arrow RH
– Arrow Down
– Arrow LH
– OK button.

Engine Cut-Off Switch

The engine cut-off switch is located in the middle of the handlebar.



TYPICAL

To allow engine starting, the tether cord cap must be securely snapped to the engine cut-off switch.

⚠ WARNING

Always attach the tether cord clip to the operator's personal flotation device (PFD) or wrist (wrist strap required).

TYPICAL

1. *Tether cord cap on the engine cut-off switch*
2. *Tether cord secured to operator's PFD*

To stop engine, pull the tether cord cap from the engine cut-off switch.

⚠ WARNING

Should the engine be stopped, the brake function and all watercraft directional control is lost.

⚠ WARNING

Always disconnect tether cord when watercraft is not in operation in order to prevent accidental engine starting or to avoid unauthorized use by others, children, and to prevent theft.

Radio Frequency Digitally Encoded Security System (RF D.E.S.S.)

The tether cord cap contains an electronic circuit (D.E.S.S.™ key) that is programmed to give it a unique electronic serial number. This is the equivalent of a conventional key.

The D.E.S.S. system reads the key installed on the engine cut-off switch and only allows engine starting for keys it recognizes.

The D.E.S.S. system brings great flexibility. You can buy additional tether cords and have the D.E.S.S. keys programmed for your watercraft.

A total of ten D.E.S.S. keys can be programmed.

To have a key programmed to your watercraft, see your authorized BRP Sea-Doo dealer.

Left Controller

The left controller is located on the LH side of the handlebar.

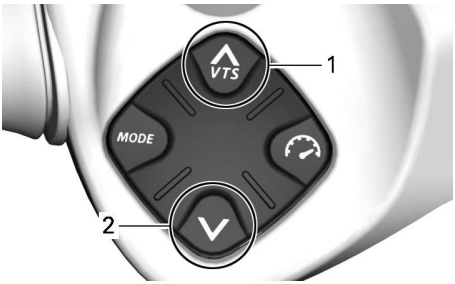
Variable Trim System (VTS) Button

The VTS button provides watercraft pitch trim adjustments by adjusting the vertical position of the jet nozzle.

The VTS can be electrically trimmed to desired attitude, or to one of tree preset trim positions (full up, middle and full down).

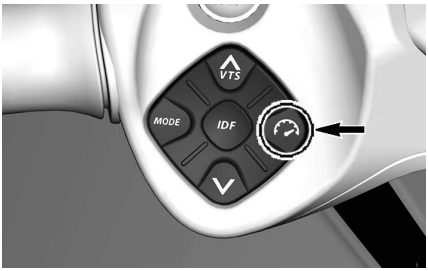
Refer to *Operating Instructions* for details.

NOTE:
The VTS button is used for Neutral adjustment. This is to adjust the neutral position of the watercraft. Refer to *Operating Modes* for details



1. *Bow up*
2. *Bow down*

Speed Control Button



TYPICAL

Allow to set and control the speed related functions.

– Speed limiter
– Slow speed mode.

Mode Button

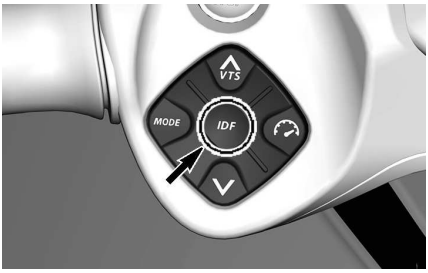
TYPICAL

It is used to choose between Normal, Sport or Eco mode.

Refer to *Operating Modes* for details.

intelligent Debris Free Pump (iDF) Button (if equipped)

Located in the center of the left controller.



It allows to activate the iDF system. Refer to *Activating the intelligent Debris Free Pump System* in *Operating Instructions* section.

Engine START/STOP Button

The engine START/STOP button is located on the LH handlebar.

TYPICAL – ENGINE START/STOP BUTTON

Engine Starting and Stopping

Refer to *Operating Instructions* for complete procedures on how to start and stop the engine.

Waking Up the Electrical System

Press the START/STOP button once without installing the tether cord on the engine cut-off switch.

This will power up the electrical system; the information center will cycle through a self-test function.

The electrical system will stay powered up for approximately 75 seconds after the START/STOP button was depressed.

When the tether cord is installed on the engine cut-off switch, the system will be powered for 60 minutes.

Every time the START/STOP button is pressed, the countdown restarts. When the battery voltage drops below 12.3V, the LOW BATTERY indicator lamp will light up and the electrical system will shut down after 75 seconds.

Post-Drive Battery Management

This feature keeps the electrical system awake to allow using accessories when the engine is turned off. It also prevents draining the battery too much when using accessories. When the battery voltage reaches 12.3V or less, the system will automatically shut down to ensure enough power remains to start the engine.

When the electrical system is activated by pressing START/STOP briefly while the engine is shut down the wake-up time will be managed as follows:

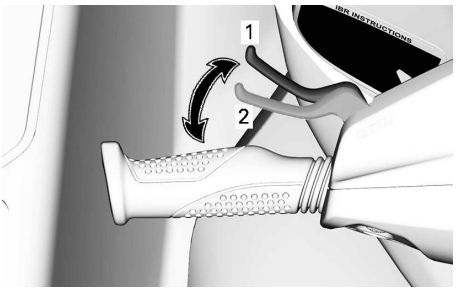
– Key off: System will shut down after 75 seconds.
– Key on: System will shut down after 60 minutes or if the voltage threshold is reached.

intelligent Brake and Reverse (iBR) Lever

The iBR lever on the LH handlebar can electronically command:

– Brake
– Reverse
– Neutral.

NOTE:
A minimum of 25% of iBR lever stroke is required to activate iBR functions.



TYPICAL

1. *Lever rest position*
2. *25% stroke required to activate iBR functions*

At speeds above 14 km/h (9 MPH), pulling the iBR lever will engage the brake.

NOTE:
If the water current is 14 km/h (9 MPH) or above, the reverse can not be engaged as the speed threshold for the reverse is exceeded.

At speeds below 14 km/h (9 MPH), pulling the iBR lever will engage reverse.

When the iBR lever is released after braking or reverse operation, the neutral is engaged.

⚠ WARNING

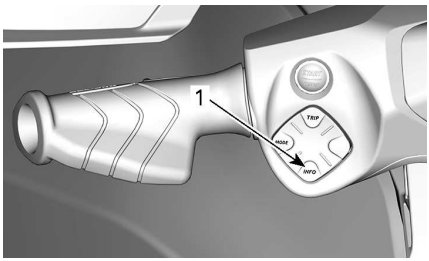
If the throttle lever is still pulled in when releasing the iBR lever, forward movement will be initiated after a short delay. If forward acceleration is not desired, release the throttle lever.

NOTE:
The neutral position can be fine tuned by trimming the iBR system.

Refer to *Operating Instructions* for detailed instructions.

INFO Button (If Equipped)

The INFO button is located on the LH handlebar.



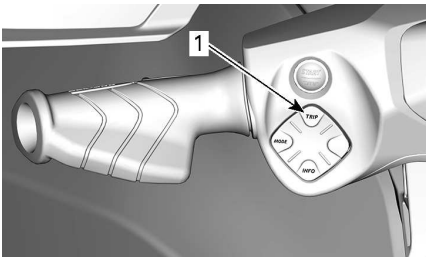
1. INFO button

It is used to navigate through the menus and to change some settings.

Refer to *Operating Modes* for details.

TRIP Button (If Equipped)

The TRIP button is located on the LH handlebar.



1. TRIP button

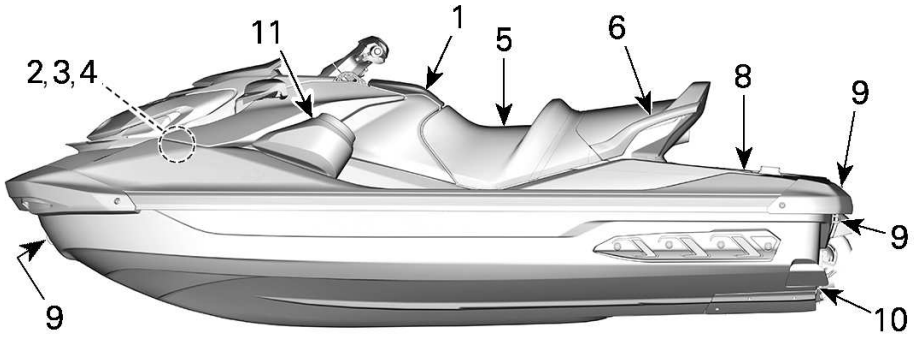
It is used to cycle through the tripmeter displays and the clock on the upper left display.

Refer to *Operating Modes* for details.

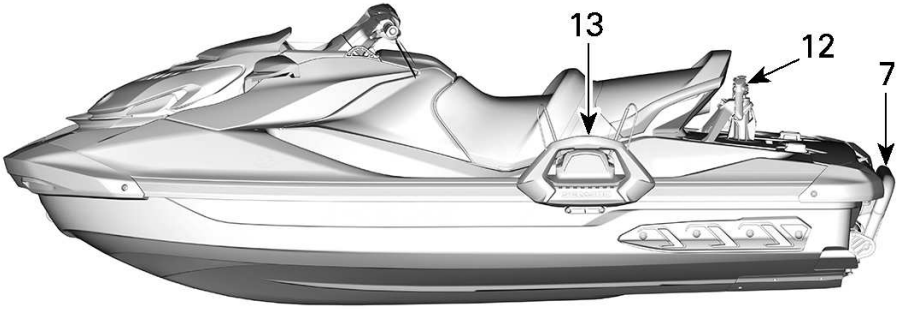
EQUIPMENT

Illustrations may not be accurate for every model and are only provided as a visual guide.

Some vehicle safety labels are not shown on illustrations. For information on vehicle safety labels, refer to *Watercraft Safety Labels*.



TYPICAL

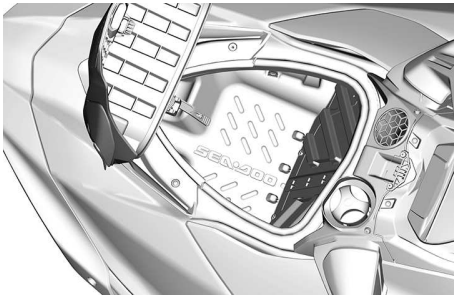


WAKE MODELS

1. Glove Box
2. Storage Compartment
3. Fire Extinguisher Holder
4. Safety Kit Holder
5. Seat
6. Passenger Handholds
7. Boarding Ladder
8. Boarding Platform
9. Front and Rear Eyelets
10. Bilge Drain Plugs
11. BRP Audio Premium System (If Equipped)
12. Retractable Ski Pylon
13. Wakeboard Rack

Front Storage Compartment

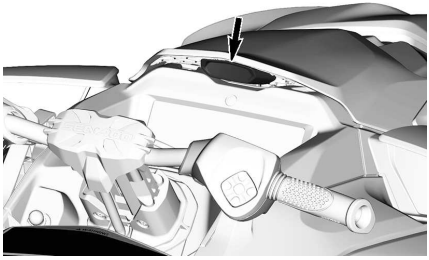
The front storage compartment that can be used to carry larger personal articles is located under the front cover.



Opening the Storage Compartment Cover

Stop engine.

Press the central release button and lift the storage compartment cover.



TYPICAL

NOTICE

The maximum load allowable for the front storage compartment is 13 kg (30 lb) evenly distributed.

⚠ WARNING

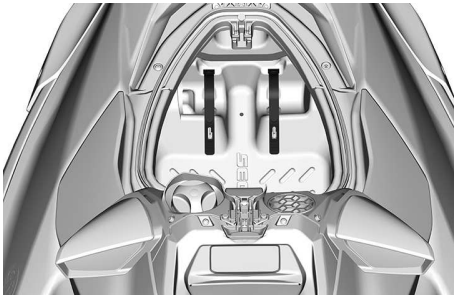
Never leave any heavy or breakable objects loose in the front storage compartment. Do not overload.Never store or transport fuel or any other flammable products in this storage compartment. Never operate the watercraft with the storage compartment cover open or with improperly secured cargo.

Fire Extinguisher Holder

NOTE:
Fire extinguisher is sold separately.

The fire extinguisher support is located under the front storage bin cover.

Use the rubber tie-downs to properly secure the fire extinguisher.

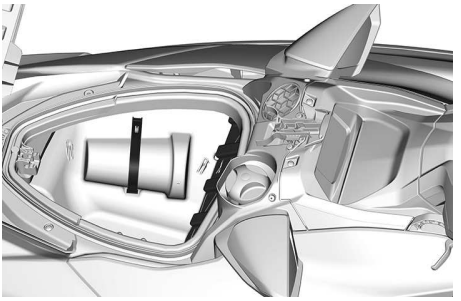


Safety Kit Holder

NOTE:
Safety kit is sold separately.

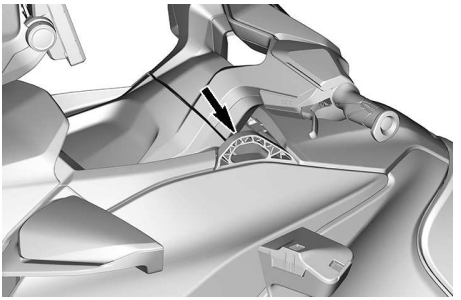
The safety kit support is located in the front storage bin.

Use the rubber tie-downs to properly secure the safety kit.



Mooring Cleats

These cleats can be used for docking.



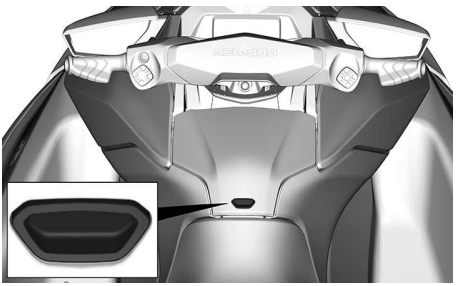
⚠ WARNING

Never use mooring cleats to pull or lift the watercraft.

Glove Box

A small, storage compartment for personal articles.

Push on cover latch to open glove box.



Watertight Compartment

Inside the glove box is located a small watertight storage compartment for personal articles. Pull backwards on the two latches to open.

TYPICAL

There is a protective foam located inside the watertight compartment to protect a phone from damages. Make sure the smartphone is held in place by the foam and not the edges of the receptacle and that you can close the lid. Always make sure the foam is completely dry before using.

Refer to *Maximum Phone Size* chart.

Maximum Phone Size	
Length	160 mm (6.3 in)
Width	85 mm (3.3 in)

NOTE:
Due to variation in smartphone sizes and cases styles, ensure there is no pressure on connector and/or phone when closing the lid.

Some models are equipped with a USB port used for charging. When using the USB port to charge a smartphone, always make sure to route the cable such that there is no pressure on either ends of the cable to prevent damage to cable or smartphone connectors.

NOTE:
For optimum performance, always use OEM USB cables. Low cost aftermarket cables may not have data lines and/or higher impedance which may result in poor charging performance or overheating.

Many models of smartphones have a brittle female connector so extra care should be taken when inserting in the watertight compartment. BRP recommends to use a short cable (no more than 25 cm (10 in)) so there is less extra cable length to stow.

The models not equipped with USB charging port are instead equipped with a rubber seal to ensure watertightness. There is a ventilation membrane that balance pressure inside and outside the compartment to ensure it can be opened without suctioning water droplets inside. The membrane itself is watertight. Watertightness of the compartment is finally ensured by pressing the compartment's door on the surrounding seal, using the two latches.

To ensure that articles inside the compartment are protected from the environment, the following recommendations should be followed:

Before and during use:
- Make sure the seal is intact, cleared and properly positioned.
- Make sure the ventilation membrane is intact and properly positioned.
- Make sure the seal around the USB charging port (or rubber seal) is intact and properly positioned.
- Completely dry the compartment and its contents before closing.
- Make sure nothing gets pinched between cover and box when closing compartment.
- Always close the compartment completely using the 2 latches.

After use:
- Remove smartphone from compartment.
- The USB charging port's integrated rubber cap should be installed to cover the connector.
- Always close the compartment completely using the 2 latches.

NOTE:
Use of desiccant in the watertight compartment is recommended to eliminate condensation. Replace desiccant frequently.

BRP Audio Premium System

The BRP Audio Premium sound system is composed of two waterproof speaker enclosures that connect to a smartphone via Bluetooth.

When the START/STOP button is pressed, the system will be powered for 75 seconds. When the tether cord is installed on the engine cut-off switch and the START/STOP switch is depressed, the system will be powered for 60 minutes. This will permit listening to the BRP Audio Premium system for an extended period. When the battery drops below 12.3V, the LOW BATTERY indicator lamp will light up and the electrical system will shut down after 10 seconds to allow enough power in the battery to start the engine.

Bluetooth Pairing Mode – Except 7.8" Large Panoramic Display

When the unit is powered On, the remote will automatically try to pair with the last connected device or will go in pairing mode if no paired devices are detected. When the system is in pairing mode, the **Play/Pause/Power** (1) light will blink. To manually enter the pairing mode, hold down the **Play/Pause/Power** button for 1 second. The unit will emit 2 small beeps and the Play/Pause/Power button will start blinking to indicate it's in pairing mode.

Search for BRP REMOTE from your device's Bluetooth menu.

Bluetooth Pairing Mode – 7.8" Large Panoramic Display

The pairing is done with the display. Refer to *7.8" Large Panoramic Display*.

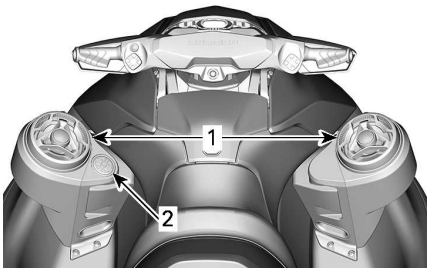
NOTE:
All previously paired devices nearby must be turned OFF.

When paired, select a playlist or other source of music from your smartphone.

Never pair a smartphone or change the playlist or music source on the device while driving or operating the vehicle.

⚠ WARNING

Using a smartphone or trying to pair a device while driving can distract the driver from operating the watercraft. Always use buttons with caution and always stay alert on the water, keeping eye contact with your environment at all times.



TYPICAL

1. *Speakers*
2. *Keypad*

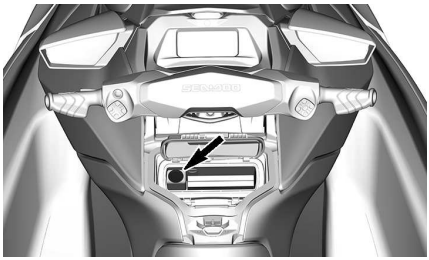
The keypad is used to control the sound system.

1. *Play/Pause/Power*
2. *Volume UP*
3. *Volume DOWN*
4. *Previous track*
5. *Next track*

Play/Pause/Power - This button gives you the ability to play or to pause the current track with a single press. Pressing the button will turn the unit On if currently Off or holding the button for 3 seconds will turn the unit Off if currently On. The unit will emit 4 small beeps to indicate when power is turned Off. Note that all the buttons will illuminate when the unit is powered On.

Volume Up and Volume Down - These buttons will turn up or turn down the output of the volume. When the unit has reached the minimum or maximum output level, the unit will beep to indicate that no further adjustment is possible.

On all vehicles except the ones equipped with the *Large Panoramic 7.8" Wide LCD Display*, the USB port located inside the glove box watertight compartment is only used to charge the smartphone, not to transfer the music.



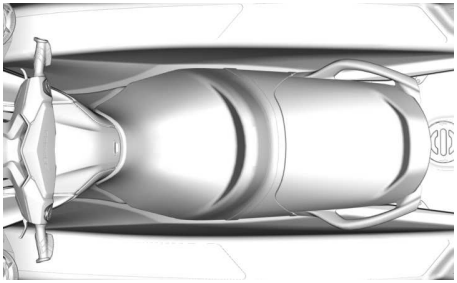
TYPICAL

⚠ CAUTION

Prolonged exposition to loud music can damage your hearing. Therefore, we suggest a 10 minutes break time every 45 minutes of listening.

Seat

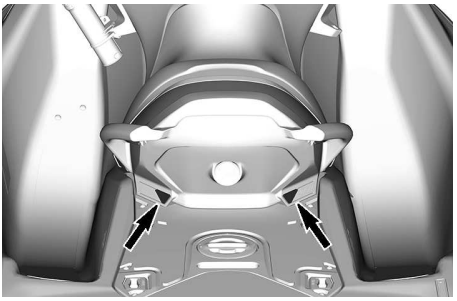
This model comes equipped with an ergonomic seat narrowing towards the front with knee grab design allowing you to position your legs towards the inside of the footwells, minimizing upper body fatigue and granting you more control when cornering.



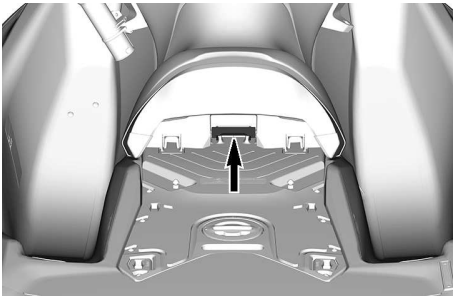
ERGONOMIC SEAT

Removing the Seat

1. Push on the two release buttons and lift the back end of the rear seat.

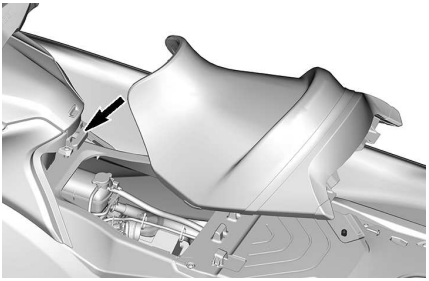


2. Then pull the latch handle up and remove the front seat from the watercraft.



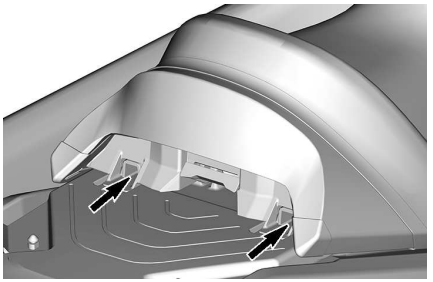
Installing the Seat

1. To install the seat, insert the forward end of the front seat in its retainer.



SEAT RETAINER

2. Push the rear end of the front seat down to lock it.
3. Pull upwards on the front seat to make sure it is locked in place.
4. Insert the forward part of the rear seat into the retainers.



SEAT RETAINERS

5. Align the seat latches with the latch pins and firmly press down on the rear portion of the seat to lock it in place.

LATCH PINS

6. Pull up on the rear portion of the seat to ensure it is properly latched.

⚠ CAUTION

Ensure the latch is properly locked onto the pin.

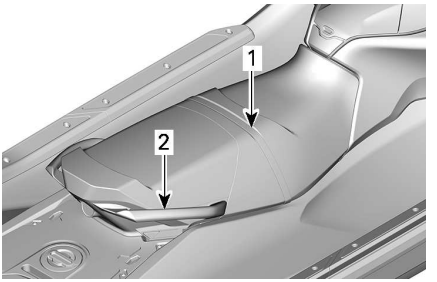
Passenger Handholds

The seat strap provides a handhold for a passenger to hold on to when riding.

The sides of the molded grab handle at the rear of the seat also provide a handhold for a passenger. The rear portion of the molded grab handle provides a handhold for the skier/wakeboarder (if applicable) spotter or boarding the watercraft from the water.

NOTICE

Never use the molded grab handle to tow anything or to lift the watercraft.



TYPICAL

1. *Seat strap*
2. *Molded grab handle*

Boarding Platform

A boarding platform covers the rear deck area.

⚠ CAUTION

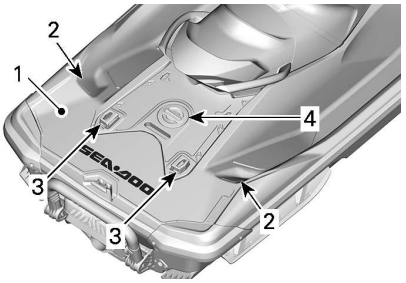
The two LinQ attachment points are used to carry accessories and should always be retracted when not in use.

Two indentations in the platform are used as foot rests for the rear facing spotter when towing a skier, wakeboarder or tuber.

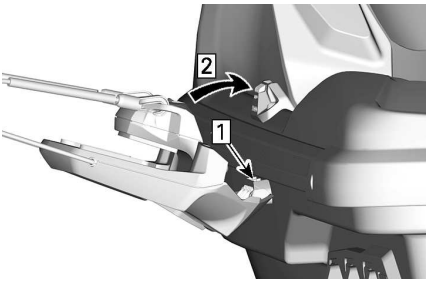
A ski pylon can be installed by removing the ski pylon hole cover in the middle of the platform. The ski pylon hole cover is **not** the fuel cap.

⚠ CAUTION

Always install ski pylon hole cover when ski pylon is not installed.



1. *Boarding platform*
2. *Spotter foot rests*
3. *LinQ attachments*
4. *Ski pylon hole cover*



1. *Insert*
2. *Rotate*

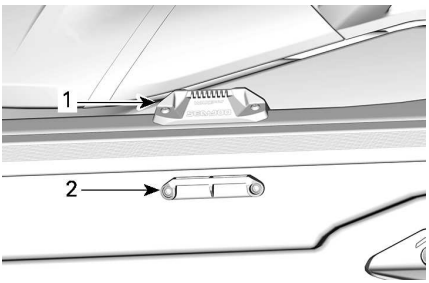
Wakeboard Rack (Wake Models)

A convenient removable rack to carry a wakeboard on the watercraft when on the water.

NOTE:
The wakeboard rack can be installed on the LH side of the watercraft.

To install:

1. Insert the hooks on the lower portion of the rack into the lower retaining bracket located on the hull under the LH side bumper.



RETAINING BRACKETS FOR WAKEBOARD RACK

1. *Upper retaining bracket*
2. *Lower retaining bracket*

2. Rotate the rack upwards and push the top of the rack inboard until the handle locks into the top retaining bracket.

⚠ WARNING

If rack is not properly secured on the watercraft, it could become loose and detach unexpectedly, creating a risk of injury to people nearby. Periodically ensure the rack is properly locked on its support.

   1. Insert the hooks of the lower portion of the rack into the lower retaining bracket
   2. Rotate the rack upwards and push the top of the rack inboard.
3. When installing a wakeboard on the rack, position wakeboard fin(s) outward with the heel of the boots facing down near freeboard of the PWC.
4. Secure wakeboard using bungee cords.

⚠ WARNING

To avoid possible injuries and cuts from the wakeboards fin(s), always place FIN(S) OUTWARDS.

WAKEBOARD INSTALLED WITH FINS OUTWARD

5. After installation, pull and push wakeboard to ensure it is tightly secured to rack.

⚠ WARNING

If the wakeboard is not properly secured on the rack, it could become loose and detach unexpectedly, creating a risk of injury to people nearby. To avoid:

- **Inspect bungee cords condition and replace if damaged.**
- **Secure wakeboard properly on rack.**
- **Periodically ensure the board is properly attached.**

NOTE:
When the wakeboard is removed from its rack, secure the bungee cords so that they will not move freely when riding watercraft.

NOTICE

The rack is designed to hold one wakeboard. Do not use to hold more than one wakeboard or to transport skis or any other object. Do not use rack(s) as mooring points or to reboard.

⚠ WARNING

With wakeboard and/or rack installed, operate with extra caution:

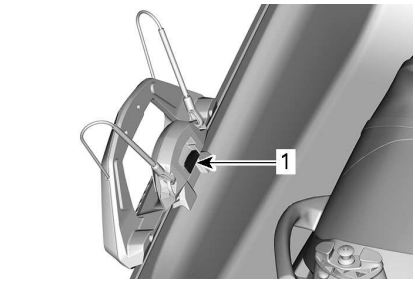
- **NEVER perform aggressive maneuvers including a spin-out.**
- **NEVER jump waves.**
- **Use common sense and limit speed.**

Otherwise, the wakeboard could detach or occupants could fall off and injure themselves against the wakeboard or rack.

⚠ WARNING

When trailering the watercraft, NEVER leave a wakeboard installed on the rack. Otherwise, wakeboard fin(s) could cause injury to bystanders or wakeboard could fly off on the road. The bungee cords are under tension and could spring back and whip someone when released. Use caution.

6. To remove the wakeboard rack, press the lever at the top of the rack and remove it from its retaining brackets.

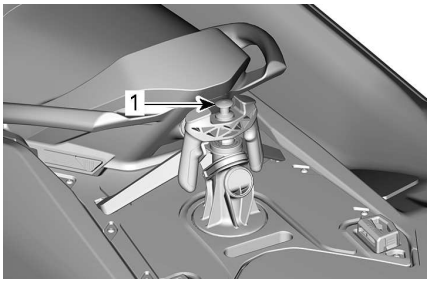


WAKEBOARD RACK REMOVAL

1. Press this handle to release wakeboard rack

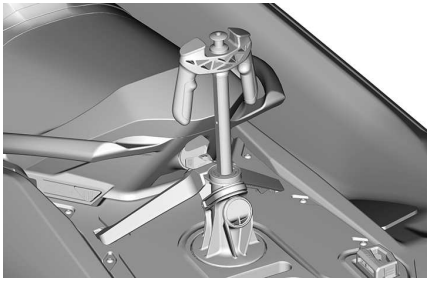
Retractable Ski Pylon (WAKE Models)

Pull up on the knob to extend the pylon. Ensure both sections of pylon are fully extended and properly locked before attaching ski or wakeboard rope.



SKI PYLON RETRACTED

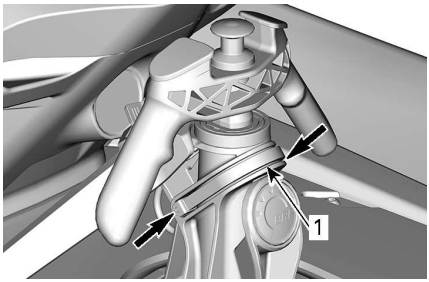
1. Pull on this knob to extend



SKI PYLON EXTENDED

To retract the pylon, push straight down on the top.

If the pylon becomes difficult to extend or retract, simultaneously push in on both sides of the locking clip toward front of watercraft.



TYPICAL - PUSH TOWARD FRONT TO UNLOCK AND REMOVE PYLON

1. Locking clip

⚠ WARNING

Make sure ski pylon is fully extended and locked before use. Completely retract and lock when not used. Use caution with skier/wakeboarder in tow as tow rope may backlash to watercraft when released. Never perform a sharp turn when towing a skier or wakeboarder. Always store tow rope when not in use.

⚠ WARNING

When using the ski pylon, never carry cargo or accessories on the boarding platform.

⚠ WARNING

Always install the passenger seat when the ski pylon is installed.

NOTICE

The ski pylon is designed for towing a skier or wakeboarder with a maximum weight of 114 kg (250 lb).

Always have one person other than the operator as an observer.

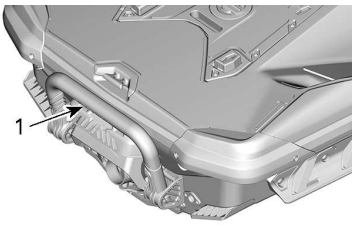
NOTE:
The handles on the ski pylon are provided as a handhold for the observer.

NOTICE

Never use the ski pylon to tow other watercrafts. Respect the maximum load limit rating of the ski pylon. Overloading can affect maneuverability, stability and performance. In case of emergency, use rear mooring cleat to tow other watercraft.

Boarding Ladder (If Equipped)

A convenient ladder used for boarding the watercraft from the water.



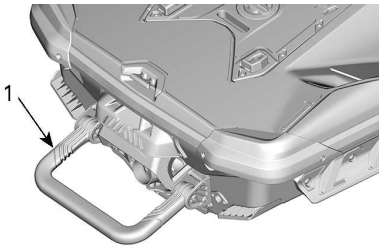
TYPICAL

1. Boarding ladder

⚠ WARNING

Do not apply throttle when anyone is boarding or at rear of watercraft. Shut down the engine

Pull down the ladder with your hand and hold until a foot or a knee is put on the ladder.



TYPICAL

1. Boarding ladder in lowered position

NOTICE

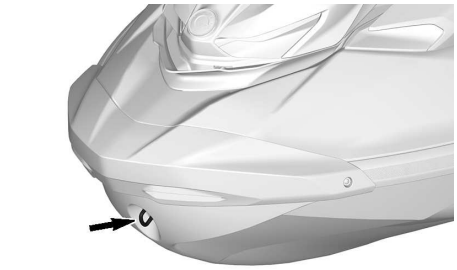
- **Never use the ladder for boarding a watercraft that is out of water.**
- **Never use the ladder for pulling, towing, diving or jumping, or any other purpose other than as a boarding ladder.**
- **Stay on center of the ladder.**
- **Only one person at a time on the ladder.**

⚠ WARNING

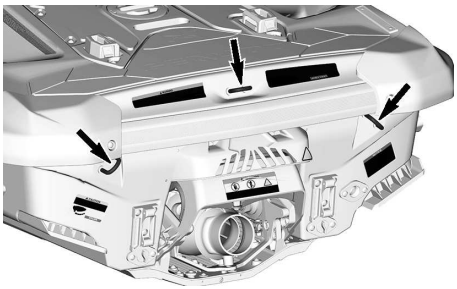
Be aware of the iBR gate movement when starting the engine, shutting down the engine or using the iBR lever. Automatic movement of the gate may squeeze fingers or toes of people taking a hold on the back or your watercraft.Never use iBR gate as a supporting point to board the watercraft.

Front and Rear Eyelets

Eyelets can be used for mooring, towing and as tie-down points when trailering your watercraft.



TYPICAL – FRONT EYELET



TYPICAL – REAR EYELETS

⚠ WARNING

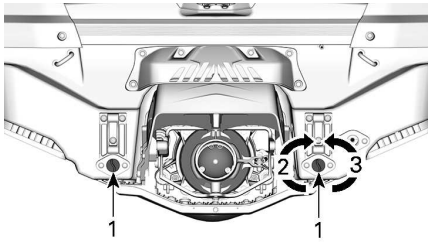
Do not use these eyelets to lift the watercraft.

NOTE:

- **Responsibility**: It is the owner's/ operator's responsibility to ensure that mooring lines, towing lines, anchor chain(s), anchor lines and anchor(s) are adequate for the vessel's intended use, i.e. the lines or chains do not exceed 80 % of the breaking strength of the respective strong point. Owners should also consider what action will be necessary when securing a tow line on board.
- **Non-metallic strong points**: Where non-metallic strong points are installed, their limited life time shall be taken into consideration. They shall be replaced once they show any signs of deterioration, visible surface cracks or permanent deformation.

Bilge Drain Plugs

Unscrew drain plugs whenever watercraft is on the trailer. This will allow water accumulated in the bilge to be evacuated and helps to reduce condensation.



TYPICAL

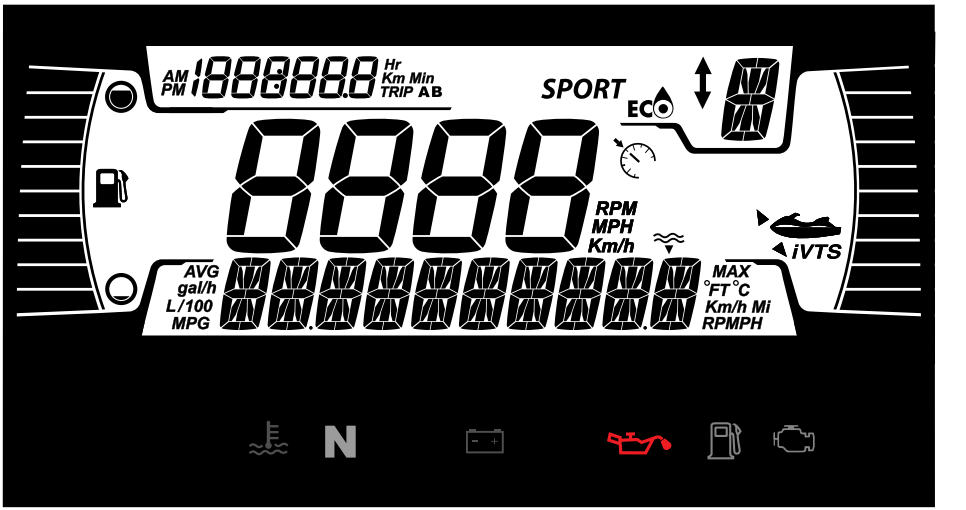
1. *Drain plugs*
2. *Tighten*
3. *Loosen*

NOTICE

Ensure drain plugs are properly secured prior to launching the watercraft in water.

4.5" DIGITAL DISPLAY

Multifunction Gauge Description

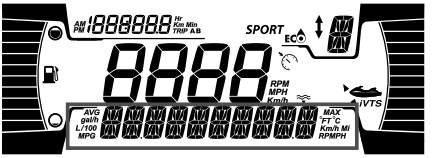


⚠ WARNING

Reading or tampering with the multifunction gauge can distract you from the operation of the vehicle, and particularly from constantly scanning the environment. Always pay attention to water conditions, and ensure your environment is clear and free from obstacles.
Furthermore, when riding, only glance at the multifunction gauge briefly to stay focused on your environment.

The multifunction gauge includes digital gauges (temperature and tachometer), telltale lights, icons and a digital screen to see important information (speed, RPM, etc.).

Lower Display



The lower display can cycle through the following:

- RPM
- Water temp : Displays the temperature of the water
- Depth (if equipped)
- Settings
- Messages
- Speed Stat (if equipped)
- Distance to Empty

Left Lateral Display

The left lateral display includes:

- Fuel level indicator

Right Lateral Display

The right lateral display includes:

– VTS position

Central Display

The central display includes:

– Watercraft speed
– Speed control indicator (if equipped)

The speed control indicator in this display is only activated when a target speed is set.

iBR Position Display

This display shows the iBR gear position (if equipped):

– N (neutral)
– F (forward)
– R (reverse)

It can also display the selected speed level (1 to 9) when the slow speed mode is selected.

Left Upper Display

The left lateral display includes:

– Tripmeter
– Clock

The tripmeter cycles through the following:

– Watercraft hours : Displays the total vehicle hours
– Trip KM : Displays the distance since the last reset.
– Trip HR : Displays the time since the last reset.

NOTE:
The clock is shown only if the integrated GPS receives a signal from the satellites. This may take several seconds after waking up the system.

MODE Display

The MODE display indicate the selected alternative mode of operation:

– SPORT
– ECO

To cycle through the MODES;

– Press MODE button,
– Acknowledge the safety message by pressing and holding MODE button will get the SPORT mode,
– Pressing MODE button again will activate the SKI mode (if equipped),
– Pressing MODE button again will activate the ECO mode.

NOTE:
SKI mode has no icon in the digital display. Refer to *operating modes* for more details.

Warning Lamps and Indicators

The following indicator lamps will alert you to a vehicle condition that may become serious. Some lamps will illuminate when starting the vehicle to make sure they work. If any lamps remain on after starting the vehicle, refer to the respective system warning lamp for further information.

NOTE:
Some warning indicators appear in the display of the multifunction gauge and function the same as an indicator lamp but do not display when starting the vehicle.

Telltale Lights - Lower Bar

Lights	Description
	ORANGE - Vehicle malfunction
	RED - The engine temperature is too high.
	GREEN - The neutral gear is selected
	RED - If illuminated while driving, it indicates a malfunction. Turn off all unnecessary electrical equipment and have the electrical and charging systems checked.
	RED - If illuminated while the engine is running or

Lights	Description
	while driving, this indicates a malfunction. Stop the vehicle as soon as it is safe to do so and turn the engine off. Check the engine oil level. Have the lubrication system checked a soon as possible, even if the level appears to be correct.
	ORANGE - Illuminated when the fuel level is low or when the fuel tank is near empty. Refuel as soon as possible.
	ORANGE **Turned on**: Malfunction of the vehicle emissions control system **Blink**: Engine limitation, limp home mode is activated. Have the vehicle serviced immediately.

Icons and Indicators - Multifunction Display

Icons	Description
SPORT	Denotes SPORT mode is selected.
	Denotes ECO mode is selected.
	Steady ON: indicates that the VTS is activated (if equipped).
	Denotes Speed Limiter or Slow Speed mode (if equipped)

Settings

To...	Action
Navigate in the menu	Single press on INFO
Enter menu	Long press INFO
Edit value	Single press on INFO
Change information display	Press TRIP
Reset Trip (when displayed)	Long press TRIP
Fault codes/ Maintenance	Long press INFO

Use the RIGHT arrow button or LEFT arrow button to navigate through setting menus. Use OK button to enter setting menu, to confirm selection or reset some values. Use UP arrow or DOWN arrow to change selected value.

Settings Menu

Using the RIGHT or LEFT arrow button, select **SETTINGS** and press OK button to enter setting menus.

Maintenance Reset

Select **RES MAINT** and hold OK button to reset maintenance.

NOTE:
The maintenance reset can only be done within the first 15 seconds of ECM wake-up when a maintenance is required.

Display Codes

Refer to *Displaying Fault Codes*.

Setting Tripmeter

Select **TRIP** and press UP or DOWN arrow button to cycle through **Vehicle Hours**, **Trip KM** and **Trip HR**.

Press and hold OK button to reset selected trip info.

Setting Learning Key (if equipped)

Connect a normal key to the vehicle. Select **L-KEY #** and press UP or DOWN arrow button to set the desired learning key level between 1 and 5.

Press and hold OK button to confirm.

NOTE:
The default learning key level is 1 (lowest performance).

Unit Selection

Select **UNITS** and press UP or DOWN arrow button to change units.

NOTE:
Changing units will apply to all the displayed units.

Setting Brightness

Select **BRIGHTNESS** and press UP or DOWN arrow button to adjust brightness level (from -4 to 4).

Setting Clock

Select **CLOCK**.

1. Press INFO button to select clock display.
2. Long press INFO button to enter clock editing.
3. Press INFO button to select 12:00 AM PM or 24:00 time base.
4. Long press INFO button to confirm and display hours.
5. Press INFO button to change hours.
6. Long press INFO button to confirm.

NOTE:
Menu available only if GPS is synchronized.

To exit **SETTINGS**, select **EXIT** and press OK button.

2 Keypads Models

1. Press OK button to select clock display.
2. Press UP or DOWN arrow button to select 12:00 AM PM or 24:00 time base.
3. Press OK button to confirm.
4. Press UP or DOWN arrow button to change hours.
5. Press OK button to confirm.

Resetting Speed Statistics (If Equipped)

Select **SPEED STAT** and press and hold OK button to reset the speed statistics.

NOTE:
The speed statistics are automatically reset after the gauge shut down.

Setting Language

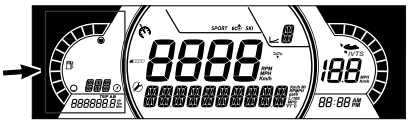
The language of the display is factory setup by default in English. Refer to an authorized Sea-Doo dealer for language availability and to setup the gauge to your preference.

7.6" DIGITAL DISPLAY

Basic Functions

Multifunction Display

Left Lateral Display



The left lateral display includes:

– Fuel level indicator
– Compass
– Distance to empty
– Time to empty
– Tripmeter

User can decide to display one the following on the tripmeter, located on the lower left display:

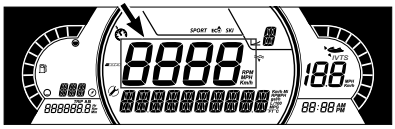
– Vehicle hours : Displays the total vehicle hours
– Trip KM : Displays the distance since the last reset.
– Trip HR : Displays the time since the last reset.

NOTE:
The compass will be visible only when the PWC is moving and if the GPS receives a signal.

⚠ WARNING

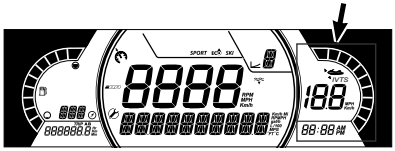
Use the compass as a guide only. Not to be used for precision navigation purposes.

Central Display



The central display shows the Vehicle speed.

Right Lateral Display



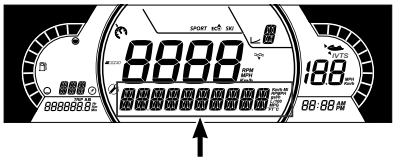
The right lateral display include:

– VTS position
– Target Speed indicator
– Time

The speed indicator in this display is only activated when a target speed is set.

NOTE:
Clock is shown only if the integrated GPS receives a signal from the satellites. This may take several seconds after waking up the system.

Lower Display

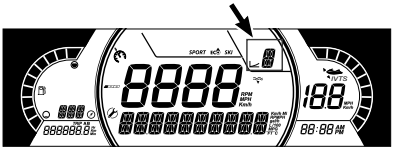


User can decide to display one the following:

– RPM : Displays the RPM of the engine
– Water temp (if equipped) : Displays the temperature of the water
– Depth (if equipped) : Displays the depth of the water

– Settings
– Messages
– Speed Stat (if equipped) : Displays the average and maximum speeds reached in the current riding cycle

iBR Position Display

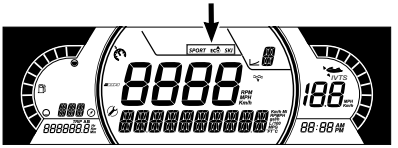


This display shows gears position of the iBR:

– N (neutral)
– F (forward)
– R (reverse)

It can also display the selected speed level (1 to 9) when the slow speed mode is selected.

MODE Display



The MODE display indicate the selected alternative mode of operation:

– SPORT
– ECO
– SKI (if equipped)

To cycle through the MODES;

– Press MODE button,
– Acknowledge the safety message by pressing and holding MODE button will get the SPORT mode,
– Pressing MODE button again will activate the SKI mode (if equipped),
– Pressing MODE button again will activate the ECO mode.

Indicator Lamps

Warning and Telltale Lights

Lights	Description
!	ORANGE - Vehicle malfunction
	RED - The engine temperature is too high.
N	GREEN - The neutral gear is selected
	RED - If illuminate while driving, it indicates a malfunction. Turn off all unnecessary electrical equipment and have the electrical and charging systems checked.
	RED - If illuminate while the engine running or while driving, this indicates a malfunction. Stop the vehicle as soon as it is safe to do so and turn the engine off. Check the engine oil level. Have the lubrication system checked a soon as possible, even if the level being correct.

Lights	Description
	ORANGE - Illuminate when the fuel level is low or when the fuel tank is near empty. Refuel as soon as possible.
	ORANGE **Turned on**: Malfunction of the vehicle emissions control system **Blink**: Engine limitation, the limp home mode is activated. Have the vehicle serviced immediately.

Icons and Indicators

Icons	Description
SPORT	Denote SPORT mode is selected.
ECO	Denote ECO mode is selected.
SKI	Denote SKI mode is selected (If equipped)
	Indicate the direction of the vehicle. **Not to be used for precision navigation purposes.**
 IVTS	Flashing: indicate that the Launch Control is ready.
	Steady ON: indicate that the VTS is activated. (if equipped)

Icons	Description
	When lit, indicates that a maintenance is required. See your authorized Sea-Doo dealer or person of your own choosing for the maintenance
	Denote Speed Limiter, Slow Speed or Ski mode is selected. (If equipped)
	When lit, indicates a failure of the iBR system. See your authorized Sea-Doo dealer or person of your own choosing for repairing.
	Fuel indicator
	Temperature indicator
	Speakers audio output (if equipped)

Settings

To...	Action
Navigate in the menu	Single press on INFO
Enter menu	Long press INFO
Edit value	Single press on INFO
Change information display	Press TRIP

To…	Action
Reset Trip (when displayed)	Long press TRIP
Fault codes/ Maintenance	Long press INFO

Use the RIGHT arrow button or LEFT arrow button to navigate through setting menus. Use OK button to enter setting menu, to confirm selection or reset some values. Use UP arrow or DOWN arrow to change selected value.

Settings Menu

Using the RIGHT or LEFT arrow button, select **SETTINGS** and press OK button to enter setting menus.

Maintenance Reset

Select **RES MAINT** and hold OK button to reset maintenance.

NOTE:
The maintenance reset can only be done within the first 15 seconds of ECM wake-up when a maintenance is required.

Display Codes

Refer to *Displaying Fault Codes*.

Setting Tripmeter

Select **TRIP** and press UP or DOWN arrow button to cycle through **Vehicle Hours**, **Trip KM** and **Trip HR**.

Press and hold OK button to reset selected trip info.

Setting Learning Key (if equipped)

Connect a normal key to the vehicle. Select **L-KEY #** and press UP or DOWN arrow button to set the desired learning key level between 1 and 5.

Press and hold OK button to confirm.

NOTE:
The default learning key level is 1 (lowest performance).

Unit Selection

Select **UNITS** and press UP or DOWN arrow button to change units.

NOTE:
Changing units will apply to all the displayed units.

Setting Brightness

Select **BRIGHTNESS** and press UP or DOWN arrow button to adjust brightness level (from -4 to 4).

Setting Clock

Select **CLOCK**.

1. Press OK button to select clock display.
2. Press UP or DOWN arrow button to select 12:00 AM PM or 24:00 time base.
3. Press OK button to confirm.
4. Press UP or DOWN arrow button to change hours.
5. Press OK button to confirm.

NOTE:
Menu available only if GPS is synchronized.

To exit **SETTINGS**, select **EXIT** and press OK button.

Resetting Speed Statistics (If Equipped)

Select **SPEED STAT** and press and hold OK button to reset the speed statistics.

NOTE:
The speed statistics are automatically reset after the gauge shut down.

Setting Language

The language of the display is factory setup by default in English. Refer to an authorized Sea-Doo dealer for language availability and to setup the gauge to your preference.

Messages in Multifunction Gauge

Important information about vehicle condition is displayed on the multifunction gauge. When starting the engine, always look at the gauge for any indicator lamps or special messages.

Indicator Lamps (Malfunctions)			
Indicator Lamp	**Message / Warning**	**Cause**	**What to Do**
No indicator lamp	 BAD KEY	Defective key	Contact an authorized Sea-Doo dealer.
	 WRONG KEY	Wrong key	Use the right key for the vehicle or contact an authorized Sea-Doo dealer.
	 HIGH ENGINE TEMPERATURE	Engine is overheating	– Stop and wait for engine to cool off. – Check for leaks. – Check coolant level and adjust (see *Maintenance Procedures*).
	 LIMP HOME MODE	Important engine management component	Have the vehicle transported to the nearest authorized Sea-Doo dealer. If you operate the vehicle in LIMP HOME, avoid abrupt maneuvers. In LIMP HOME, the engine RPM is limited and therefore the vehicle speed.
	 LOW OIL - STOP ENGINE	Low oil pressure	– Check for oil leaks. – Check oil level and adjust (see *Maintenance Procedures*.

Important information messages can also be displayed temporarily to assist indicator lamps.

A combination of two different warnings can occur.

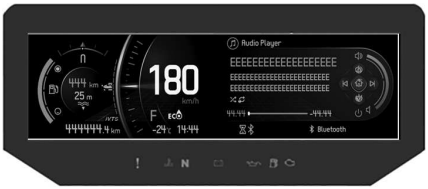
When a digital warning appears, it will show the warning for 6 seconds and then the warning will disappear for 60 seconds. During the 60 seconds, the small digital indicator will flash. This sequence will be repeated three times and then will stop for 15 minutes. During the 15 minutes only the indicator lamps will be activated.

LARGE PANORAMIC 7.8" WIDE LCD DISPLAY

Basic Functions

LCD Display

Default Display

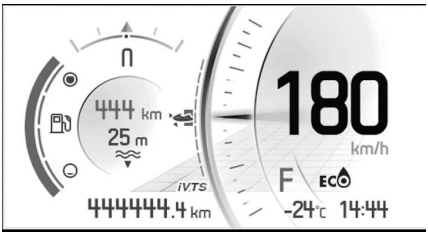


Multifunction Display

Left Lateral Display

The left lateral display includes:

- Fuel level indicator
- Speedometer
- Tripmeter
- Speed limiter
- Clock
- Driving modes
- Warning pop-up
- Distance or time to empty
- Water temperature
- Compass
- VTS position



To select the value to be displayed in the tripmeter;

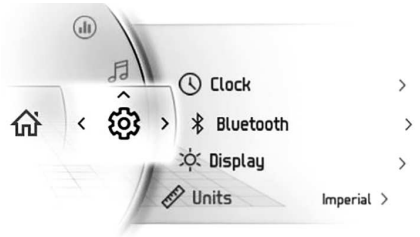
1. Access the Stats/Trip screen
2. Select the desired set of statistic to be shown (Total, A or B)

To adjust the VTS, press the VTS UP or VTS DOWN button.

Right Lateral Display

The right lateral display includes:

- Tachometer
- Audio volume
- Menu
  - Phone
  - Statistics
  - Audio
  - Settings



Navigating in the Digital Display

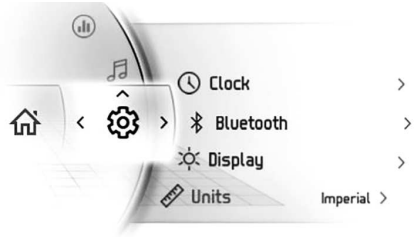
The multifunction gauge includes analog gauges (speedometer and tachometer), indicator lamps and an infotainment center with a digital screen.

We recommend you practice selecting some functions on the infotainment center before leaving the dock. You will get used to them and they will be easier to use once you leave the dock.

Pressing the OK button will get the Menu selection in the right screen, in this order:

- Phone
- Statistics
- Audio
- Settings

When an icon is selected, its related screen will appear.



When an item is selected, this sets the item to the current value.

Indicator Lamps

Warning and Telltale Lights

Lights	Description
	ORANGE - Vehicle malfunction
	RED - The engine temperature is too high.
	GREEN - The neutral gear is selected
	RED - If illuminate while driving, it indicates a malfunction. Turn off all unnecessary electrical equipment and have the electrical and charging systems checked.
	RED - If illuminate while the engine running or while driving, this indicates a malfunction. Stop the vehicle as soon as it is safe to do so and turn the engine off. Check the engine oil level. Have the lubrication system checked a soon as possible, even if the level being correct.
	ORANGE - Illuminate when the fuel level is low or when the fuel tank is near empty. Refuel as soon as possible.
	ORANGE **Turned on**: Malfunction of the vehicle emissions control system **Blink**: Engine limitation, the limp home mode is activated. Have the vehicle serviced immediately.

Icons and Indicators

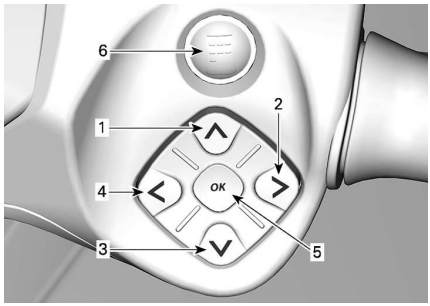
Icons	Description
SPORT	Denote SPORT mode is selected.
ECO	Denote ECO mode is selected.
SKI	Denote SKI mode is selected (If equipped)
	Indicate the direction of the vehicle. **Not to be used for precision navigation purposes.**

Icons	Description
IVTS	Flashing: indicate that the Launch Control is ready.
	Steady ON: indicate that the VTS is activated.
	When lit, indicates that a maintenance is required. See your authorized Sea-Doo dealer or person of your own choosing for the maintenance
	Denote Speed Limiter, Slow Speed or Ski mode is selected. (If equipped)
iBR	When lit, indicates a failure of the iBR system. See your authorized Sea-Doo dealer or person of your own choosing for repairing.
	Denote WATER DEPTH mode is selected (If equipped)
	Smartphone Network connection
	Bluetooth device
	Smartphone battery level indicator
	Fuel indicator

Icons	Description
	Temperature indicator
	Speakers audio output

Settings

Menu Switches



RIGHT SIDE OF HANDLEBAR

1. *UP button*
2. *RIGHT button*
3. *DOWN button*
4. *LEFT button*
5. *OK button*
6. *BRP CONNECT button*

Use the directional buttons to control numerous functions of the multifunction gauge.

Use the BRP Connect button for quick access to BRP connect. Each click will swap between apps view and functions view of the multifunction gauge.

Menu

BRP Connect

Before using BRP Connect, the app must be downloaded to the phone. The app can be downloaded from the Apple App Store or Google Play Store via a simple search. Not all phones are compatible.

Visit our website for more details:

www.brpconnecttutorial.com

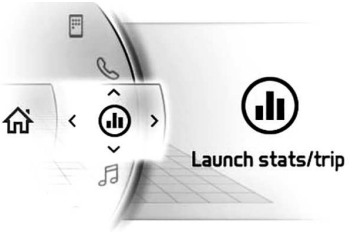
NOTE:
The smartphone must be connected via Bluetooth **and** with a USB cable to the USB port located in the glove box.

User's personal data will be deleted from the cluster when phone pairing is deleted.

User agree that personal data (contact list and call history) be transferred to the cluster when smartphone is connected.

Contact list and call history are stored in cluster permanently. To delete these information you must un-pair your smartphone or overwrite using another smartphone.

Statistics



The Statistics menu is used to get :

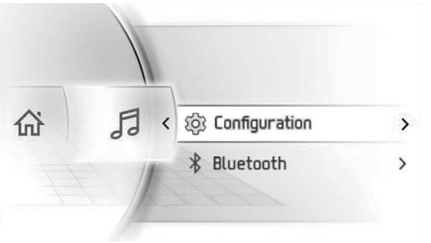
- Trip distance information
- Trip elapsed time information
- Instant fuel consumption
- Average fuel consumption
- Maximum speed
- Average speed

3 sets of statistics are kept in memory. Each set of statistics can be reset independently.

The LEFT button and RIGHT button will navigate between the 3 sets of statistics.

Holding the DOWN button when showing a stored value will reset it.

Audio



The phone Audio menu is to:

- Adjust the configuration of:
  - Auto volume control
  - Equalizer
  - Fade/Balance
- Access Bluetooth Audio Player

Audio Control

NOTE:
The directional buttons controls the audio commands when in the Home screen.

Use the directional buttons to control the audio volume. UP buttons for louder.

To mute the audio, push the DOWN button and hold it for more than one second. From the Mute setting, pushing UP button will reset the audio volume to its previous level.

A separate volume level is used for announcement (i. e.: Voice command from the BRP Connect Navigation App). During an announcement, the volume bar will display the announcement volume level. The volume bar will be yellow and the audio source will show **ANNOUNCEMENT**. It is possible to adjust the announcement volume level during the announcement.

When Bluetooth audio source is selected, the left and right functions will be as follows:

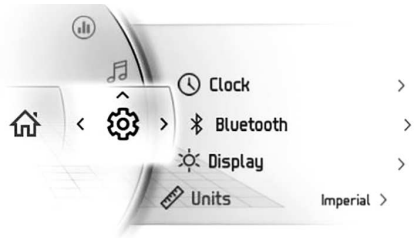
– Left: Previous song
– Right: Next song

Audio Configuration

The Audio Configuration menu is as follows:

– Automatic volume control
– Equalizer
– Fade / Balance

Settings



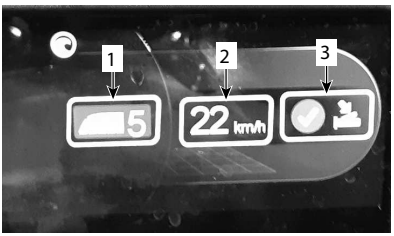
The Settings menu is to:

– Adjust clock
– Pair Bluetooth devices
– Adjust the display brightness
– Adjust the units (Imperial/Metric)
– Personalization distance or time to empty
– Set the language
– Get the version
– Show vehicle fault codes

Programming the Ski Mode

1. Using the MODE button, select SKI.

   The right display will change to show the Ski mode settings.



1. Power ramp
2. Desired speed
3. Confirmation

2. Adjust the appropriate power ramp (1 to 5).
   – 1 = low power and slow start.
   – 5 = Full power and fast start.

   The selection must be done accordingly to experience of the towed person, his weight and the water skiing equipment used (ski or board).
3. Select the desired speed by the towed person.
4. Confirm your selection.

Pairing Your Smartphone Via Bluetooth

1. On the vehicle

   Bluetooth is now visible.

1. Short press the directional buttons to access menu.
2. Go down and select “Settings” and press **RIGHT**.
3. Select “Bluetooth” and press **RIGHT**.
4. Select “Phone” and press **RIGHT**.
5. Select “Add Phone” and press **RIGHT**.

2. On the phone

1. Activate your phone's Bluetooth function.

NOTE:
Refer to your manufacturer's user guide for detailed procedure.

2. Choose "BRP Connect".
3. A confirmation number will appear on your phone screen and the vehicle gauge screen. Make sure these numbers match.
4. Press “Pair” on your phone and select the green check mark on the vehicle gauge.
5. Allow Contacts and Favorite Sync on your phone.

BRP GO! App

Follow these steps to setup your smartphone with BRP Connect.

Download the BRP GO! Smartphone App

Download the BRP GO! app via the App Store for Apple™ or the Google™ Play Store for Android.

Download Apps Compatible With BRP Connect

Visit our website to know more about the compatible apps:

www.brpconnecttutorial.com

These apps will improve your riding experience. Some apps may require additional purchase to be compatible with the system or may require additional devices to be used.

Connect Your Smartphone Using Your Charging / Data Transfer Cable

It is recommended to use an original charging cable from the smartphone OEM to optimize transfer between the phone and the vehicle. Use the front USB port.

1. Unlock your phone screen
2. Connect your phone charging cable
3. A checkmark will appear on your phone screen once the connection is done.

Access Your Apps

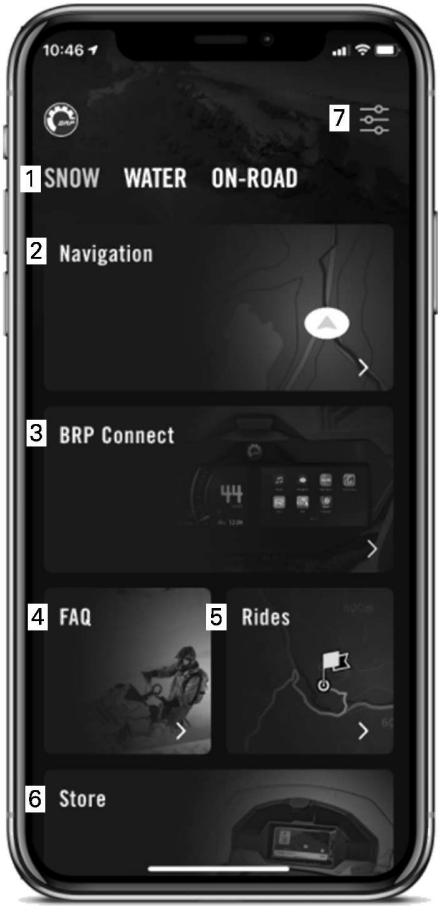
Quick press the OK button to access Menu.

Push **UP** to select “Launch BRP Connect” and push **RIGHT**.

Select the app you would like to use and press OK.

– To leave the app, long press OK.
– To return to the Main Menu, press the BRP Connect Button.

Quick Tour of the BRP GO! App



1. Playground: Select your playground to see content related to your vehicle. For Ski-Doo snowmobiles, select the Snow playground.
2. Navigation: Access all the navigation features of the app such as route planning, turn-by-turn navigation, friends location, offline navigation, and more. You can access thousands of snowmobile trails across North America and Europe on the map.
3. BRP Connect: See the list of compatible apps that can be used on the vehicle's display. You can also access from there the Vehicle Connection Guide to help you connect your phone to your vehicle's display.
4. FAQ: This link takes you to answers of common questions asked by riders like you. An internet connection is required.
5. Rides: Easily access your planned and completed rides made with the Navigation features of the BRP GO! app.
6. Store: This link takes you to the online store of your vehicle. An internet connection is required.
7. Settings: Manage your profile and your account settings.

Messages in Multifunction Gauge

Important information about vehicle condition is displayed on the multifunction gauge. When starting the engine, always look at the gauge for any indicator lamps or special messages.

Indicator Lamps (Malfunctions)			
Indicator Lamp	**Message / Warning**	**Cause**	**What to Do**
No indicator lamp	 BAD KEY	Defective key	Contact an authorized Sea-Doo dealer.
	 WRONG KEY	Wrong key	Use the right key for the vehicle or contact an authorized Sea-Doo dealer.
	 HIGH ENGINE TEMPERATURE	Engine is overheating	– Stop and wait for engine to cool off. – Check for leaks. – Check coolant level and adjust (see *Maintenance Procedures*).
	 LIMP HOME MODE	Important engine management component	Have the vehicle transported to the nearest authorized Sea-Doo dealer. If you operate the vehicle in LIMP HOME, avoid abrupt maneuvers. In LIMP HOME, the engine RPM is limited and therefore the vehicle speed.
	 LOW OIL - STOP ENGINE	Low oil pressure	– Check for oil leaks. – Check oil level and adjust (see *Maintenance Procedures*.

Important information messages can also be displayed temporarily to assist indicator lamps.

A combination of two different warnings can occur.

When a digital warning appears, it will show the warning for 6 seconds and then the warning will disappear for 60 seconds. During the 60 seconds, the small digital indicator will flash. This sequence will be repeated three times and then will stop for 15 minutes. During the 15 minutes only the indicator lamps will be activated.

BREAK-IN PERIOD

Operation During Break-In Period

A break-in period of 5 operating hours is recommended before running the watercraft at sustained full throttle.

During this period, maximum throttle should not exceed 1/2 to 3/4 opening. However, brief full acceleration and speed variations contribute to a good break-in.

NOTICE
Continued wide open throttle accelerations or operation, prolonged cruising speeds are detrimental during the break-in period.

NOTE:
During the first 3 hours of operation, the engine management limits the engine maximum speed for engine protection. The engine performance will progressively increase during this period.

⚠ WARNING

Always perform the *Pre-Ride Inspection* before operating this watercraft. Be sure to read the *Safety Information* and the *Watercraft Information* sections and be thoroughly familiar with the iControl technology.

Should any control or instruction not be fully understood, refer to an authorized Sea-Doo dealer.

Boarding the Watercraft

As with any watercraft, boarding should be done carefully.

Make sure to practice each boarding methods until fully able to safely board in any potential condition.

⚠ WARNING

Do not apply throttle when anyone is boarding or at rear of watercraft. Shut down the engine

Watercraft with iBR system

⚠ WARNING

Be aware of the iBR gate movement when starting the engine, shutting down the engine or using the iBR lever. Automatic movement of the gate may squeeze fingers or toes of people taking a hold on the back or your watercraft.Never use iBR gate as a supporting point to board the watercraft.

Boarding from a Dock

1. Slowly place one foot on the watercraft footboard nearest the dock while holding the handlebar, and at the same time, transfer the body weight to the other side in order to balance the watercraft.
2. Then bring the other foot over the seat and place it on the other footboard.
3. Push the watercraft away from the dock.

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Boarding from Shallow Water

⚠ WARNING

Keep limbs away from propulsion system or intake grate.Never use propulsion systems a supporting point to board the watercraft.

1. Board the watercraft from either the side or the rear.
2. Ensure there is at least 90 cm (3 ft) of water underneath the lowest rear portion of the hull.

NOTE:
Before starting the engine and when the engine is already running, take into account that the hull will be lower in the water when all passengers are aboard. Be certain to maintain the specified depth so sand, pebbles and rocks will not be drawn up in the jet pump.

A. Maintain at least 90 cm (3 ft) underneath the lowest rear portion of the hull when all passengers are aboard

NOTICE

Starting the engine or riding the watercraft in shallower water may damage the impeller or other jet pump components.Stay on center of the step.Only one person at a time on the ladder.

Boarding in Deep Water

⚠ WARNING

Keep limbs away from propulsion system or intake grate.Never use propulsion systems a supporting point to board the watercraft.

⚠ WARNING

Ask inexperienced riders to practice how to board the watercraft close to shore (all methods explained here) before venturing into deep water, especially when cargo is installed aboard on the rear platform.

Operator Alone Without a Boarding Ladder

1. Using one hand, grab the rear handle.

1. Rear handle

NOTE:
If cargo is properly secured on the boarding platform, it can be used as a handle or removed and set aside in the footwell to get access to the handle. Always properly secure the cargo before riding.

2. With the other hand on the boarding platform, lift your body until you can lay one knee on the boarding platform.
3. Lay the other knee on the boarding platform.

TYPICAL

4. Take hold the seat or the seat strap to help maintain your balance and step forward onto the footboards on either side of the seat.

TYPICAL

5. Sit astride the seat.

   It is possible to swim toward side, use passenger handhold and/or seat strap to lift yourself aboard.

NOTE:
The side boarding method is not recommended as a first try boarding method. It must only be used in last resort as it is not the easiest method to board a watercraft.

Operator Alone With a Boarding Ladder

1. Swim to the rear of the watercraft.
2. Using one hand, lower the boarding ladder.

TYPICAL

3. Using the other hand, take hold of the edge of the boarding platform, then pull yourself up so that you can knee onto the boarding ladder.

TYPICAL

NOTICE

- **Stay on center of the ladder.**
- **Only one person at a time on the ladder.**

4. Reach forward with one hand and take hold of the molded handles on the sides of the back seat or the rear handle, then stand on the boarding ladder.

1. Rear handle

TYPICAL

NOTE:
If cargo is properly secured on the boarding platform, it can be used as a handle or removed and set aside in the footwell to get access to the handle. Always properly secure the cargo before riding.

5. With both hands on the handle behind the seat, step up onto the boarding platform.

TYPICAL

TYPICAL

6. Take hold of the seat strap to help maintain your balance and step forward onto the footboards on either side of the seat.

TYPICAL

7. Sit astride the seat.

Operator with a Passenger

1. The operator climbs on the watercraft in the same way as explained previously.

   In choppy water, while in the water, the passenger may hold the watercraft steady to help the operator climb aboard.

TYPICAL

NOTICE

Stay on center of the step. Only one person at a time on the step.

2. The passenger then climbs onto the watercraft while the operator maintains balance by sitting as close as possible to the console.

TYPICAL - MODEL WITH BOARDING LADDER SHOWN

TYPICAL

TYPICAL

3. The passenger must sit astride the seat and maintain a firm grip of a handhold or the waist of the person in front of them.

TYPICAL

Starting the Engine

⚠ WARNING

Before starting the engine, the operator and passenger(s) should always:

- **Be properly seated on the watercraft.**
- **Have a firm grip on a handhold or hold on to the waist of the person in front of them.**
- **Wear appropriate protective clothing including a PFD approved by local authorities and a wet suit bottom.**

NOTICE

Ensure there is at least 90 cm (3 ft) of water under the lowest rear portion of the hull when all passengers are aboard prior to starting the engine. Otherwise damage to the propulsion system components may occur.

1. Attach the tether cord clip to your PFD or to the wrist (wrist strap required).

⚠ WARNING

The tether cord shall always be attached to the operators personal flotation device or to the wrist (wrist strap required) when starting or operating the watercraft.

2. Firmly grip handlebar with your left hand and place both feet on the footboards.
3. Press the engine START/STOP button to wake up the electrical system.
4. As the information center cycles through its self test function, install the tether cord on the engine cut--off switch.
5. Depress the START/STOP button to start the engine.

NOTICE

In the event the engine does not start right away, do not hold START/STOP button more than 10 seconds to avoid starter overheating. A rest period should be observed between the cranking cycles to allow the starter to cool down. Refer to *Troubleshooting* section.

6. Release engine START/STOP button after engine is started.

Shutting Off the Engine

⚠ WARNING

To maintain watercraft directional control, the engine shall be running until the watercraft is stopped.

1. Press the engine START/STOP button, or
2. Pull off the tether cord cap from the engine cut-off switch.

⚠ WARNING

Never leave the tether cord on the engine cut-off switch when disembarking watercraft to prevent theft, accidental engine starting, and to avoid unauthorized use by children or others.

If the engine is shut off using the START/STOP button and the tether cord is left on the engine cut-off switch, the electrical power will shut off after approximately 60 minutes to prevent battery discharge.

Steering the Watercraft

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Turning the handlebar pivots the jet pump nozzle which controls the watercraft direction. Turning the handlebar to the right will turn the watercraft to the right and inversely. You need to apply throttle to steer.

⚠ WARNING

Throttle must be applied and handlebar turned to change the direction of the watercraft. Steering efficiency will differ depending on the amount of throttle applied, the number of passengers, the load, the water conditions and the environmental factors such as the wind.

Unlike a car, a watercraft needs some throttle to turn. Practice in a safe area applying the throttle and turning away from an imaginary object. This is a good collision avoidance technique.

⚠ WARNING

Directional control is reduced when the throttle is released and lost when the engine is off.

The watercraft behaves differently with a passenger and requires greater skill. The passenger (s) shall grip the seat strap, the molded grab handle, or the waist of the person ahead of them. Reduce speed and avoid sharp turns. Avoid choppy water conditions when carrying a passenger.

Tight Turns and Other Special Maneuvers

Any tight turns or special maneuvers that will cause the air inlet openings to be kept under water for a prolonged time, water will seep into the bilge.

Combustion engines need air to operate; consequently this watercraft cannot be totally watertight.

NOTICE

If the air inlet openings are kept under water, such as turning constantly in tight circles, plunging the bow through waves, or capsizing the watercraft, water may seep into the bilge, which may cause severe damage to internal parts of the engine. Refer to the *Warranty* section contained in this guide.

Shifting into Neutral

⚠ WARNING

The drive shaft and impeller are always turning when the engine is running, even when the iBR gate is set to the neutral position. Keep away from the propulsion system of the watercraft.

When the watercraft is first started, the iBR system automatically sets the iBR gate to the neutral position by default.

From forward thrust position, tap the iBR lever. The gate will move to neutral.

If braking or reverse is used, the iBR gate will move to the neutral position when the iBR lever is released, if throttle is not applied.

NOTE:
The throttle lever must be fully released for the iBR gate to move to the neutral position when the iBR lever is released.

If the engine is stopped in forward or reverse, the iBR gate will move to the neutral position on engine shutdown.

Adjusting the Neutral Position of the iBR

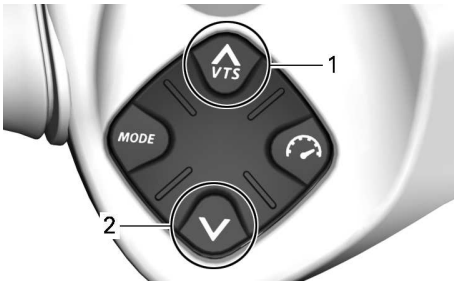
When in NEUTRAL, if the watercraft creeps forward or backward, the iBR system may be trimmed.

NOTE:
Movement of the watercraft when operating in neutral may be due to wind or water current.

1. Hold down the VTS up or down button for 0.5 Sec to enter the **Neutral Adjust** mode.

   The message **Neutral Adjust** will be displayed.
2. Adjust the Neutral position:
   - Watercraft is moving forwards - press the VTS DOWN button.
   - Watercraft is reversing - press the VTS UP button.

   Adjust to achieve no movement when the engine is at idle.



1. Bow up
2. Bow down

3. Press OK button or wait 25 sec to exit the **Neutral Adjust** mode.

Shifting into Forward

From neutral, tap on the throttle lever to shift into forward. The gate will move to forward thrust position and the watercraft will accelerate forward.

From reverse, release the iBR lever while applying throttle moderately.

From braking, simultaneously pull in the throttle lever while releasing the iBR lever. The watercraft will accelerate forward after a short delay.

Shifting into Reverse

Reverse can only be engaged between idle speed and the threshold forward speed of 14 km/h (9 MPH).

1. Pull in the iBR lever at least 25% of the lever travel.
2. Release the iBR lever to end reverse operation.
3. Apply enough throttle to stop rearward movement.

⚠ WARNING

The brake function has no effect when travelling in reverse.

When operating the iBR lever in reverse mode, the throttle lever can be used to control engine RPM, and thus the amount of reverse thrust produced.

By modulating both the iBR and throttle levers simultaneously, reverse thrust can be more precisely controlled. Too much RPM will create water turbulence and reduce reverse efficiency.

NOTE:
Engine power will be reduced to idle whenever the iBR lever position is changed.

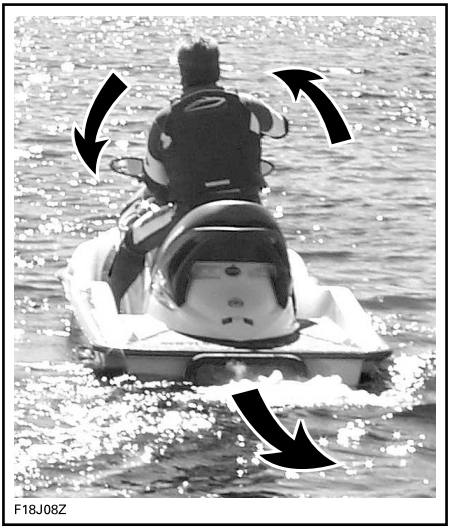
Available engine power is limited in reverse mode, which limits reverse speed. However, speeds above 14 km/h (9 MPH) may be obtained in reverse depending on conditions.

⚠ WARNING

Only use reverse at slow speed and for the shortest time possible. Always ensure the path behind is clear of objects, obstacles and people.

When operating in reverse, turn the handlebar in the opposite direction that you want to move the rear of the watercraft.

For example, to steer the rear of the watercraft to port (left), turn the handlebar to starboard (right).



TYPICAL - STEERING DIRECTION REVERSED WHEN BACKING

⚠ CAUTION

Steering direction in reverse thrust is opposite of forward thrust. To steer the stern to port (left) in reverse, turn the handlebar to starboard (right). To steer the stern to starboard (right), turn the handlebar to port (left). Reverse thrust operation should be practiced in open waters in order to become fully familiar with the controls and watercraft handling characteristics before operating in close quarters.

Braking

⚠ WARNING

The engine must be running to be able to use the brake.The brake is only applicable when operating in forward movement, it has no effect on rearward velocity.The brake cannot prevent your watercraft from drifting due to current or wind.

The braking function can only be engaged during forward operation at or above the threshold speed of 14 km/h (9 MPH).

Braking is engaged and controlled when the iBR lever on the LH handlebar is pulled in at least 25% of its travel.

⚠ WARNING

Braking should be practiced in open waters and at gradually increasing speeds in order to become fully familiar with the controls and watercraft handling characteristics.

When iBR lever is applied, the throttle lever command is overridden and engine throttle control is now dependant on the iBR lever position. Braking can thus be modulated by using only the iBR lever.

Watercraft deceleration is proportional to the braking force. The more the iBR lever is pulled in, the greater the braking force applied. The deceleration is also related to the total weight on the watercraft. A fully loaded watercraft (cargo and passengers) will not decelerate as fast as it could without this load.

NOTE:
Be careful to gradually actuate the iBR lever to adjust intensity of the braking force and simultaneously release the throttle lever.

⚠ CAUTION

When braking, riders must brace themselves against the deceleration force to prevent from moving forward on the watercraft and losing balance. The operator should always keep both hands on the handlebars, and all passengers should maintain a firm grip on their seat and/or the hand rail.

⚠ WARNING

Stopping distance will vary depending on initial speed, load, wind, number of riders, water conditions, and the amount of braking power commanded by the operator. Always adjust your riding style accordingly.

When the watercraft slows to less than 14 km/h (9 MPH), braking mode ends and reverse mode is engaged. Release the iBR lever once the watercraft is stopped. Otherwise, a rearward movement will be initiated.

⚠ CAUTION

As the watercraft slows to a stop, the wake created by the watercraft will catch up and tend to push the watercraft forward. Ensure there are no obstacles or bathers in the direction of travel.

If the throttle lever is still pulled in when releasing the iBR lever, the watercraft will accelerate forward after a short delay. Acceleration will be

proportional to the throttle lever position.

⚠ WARNING

If forward acceleration is not desired when the brake lever is released, release the throttle lever.

⚠ WARNING

It is important to inform other operators who intend to follow in a convoy formation of the braking and maneuvering capability of your vehicle and that a greater distance should be maintained.

Braking in a Turn

Throttle must be applied for turning to ensure directional control. However braking can be initiated during a turn using the iBR lever as previously described. Get ready to maintain your balance while the wake is crossing your watercraft.

⚠ CAUTION

As the watercraft slows to a stop while braking in a turn, the wake created by the watercraft will catch up and tend to push the watercraft sideways. Be prepared to maintain balance as the wake crossed the watercraft.

Variable Trim System (VTS)

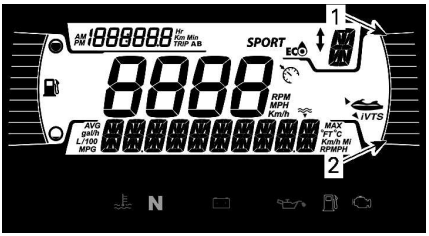
The variable trim system (VTS) changes the vertical position of the jet pump nozzle to provide the operator with a fast, effective system to compensate for load, thrust, riding position and water conditions. Correctly adjusted, it can improve handling, reduce porpoising, and position the watercraft at its best riding attitude to attain maximum performance.

When first using the watercraft, the operator should become familiar with the use of the variable trim system (VTS) at varying speeds and water conditions. A mid-range trim is generally used when cruising. Experience alone will dictate the best trim for the conditions. During the watercraft break-in period, when lower speeds are recommended, it is an excellent opportunity to become familiar with trim adjustment and its effects.

When the nozzle is positioned in an upward angle, the water thrust directs the bow of the watercraft upward. This position is used to optimize high speed.

When the nozzle is directed downward, the bow is forced downward and increases the watercraft turning capabilities. As with any watercraft, speed and operator body position and movement (body English), will determine the degree and sharpness of the watercraft turn. Porpoising can be reduced or eliminated if the nozzle is downward and speed is adjusted proportionately.

NOTE:
VTS position is indicated on a bar gauge in the right lateral display of the information center.



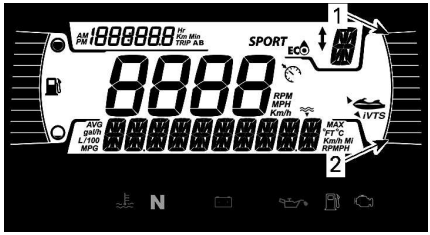
1. *Bow up*
2. *Bow down*

VTS Trimming Methods

Available VTS Trimming Methods				
	GTI	GTI SE	GTR	WAKE
VTS trim button	-	X	X	X
VTS "Double Click" trimming	-	X	X	X
VTS "Presets"	-	X	X	X
Launch Control	N/A	-	-	-

X = Indicates a **standard** feature
- = See your Sea-Doo dealer for availability.
N/A = Not Available

1. *Bow up*
2. *Bow down*



1. *Bow up*
2. *Bow down*

Adjusting the VTS

Nine trim positions are available.

With the watercraft operating in forward thrust, proceed as follows.

NOTE:
Pressing the VTS trim button without the engine in forward thrust will only change the indication. The nozzle will move to the selected VTS trim position when forward thrust is engaged.

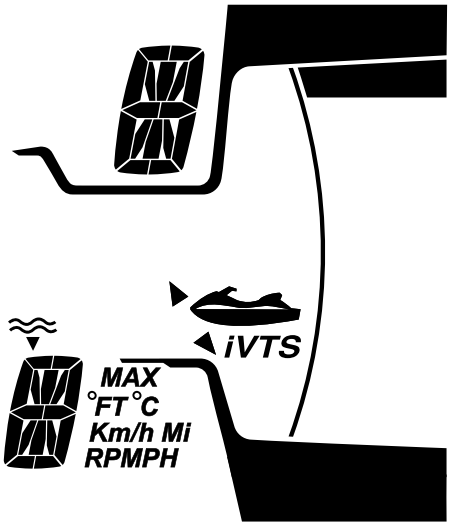
1. Press the VTS UP button once to trim the bow of the watercraft up to the next up trim position.
2. Press the VTS DOWN button once to trim the bow of the watercraft down to the next down trim position.

NOTE:
If the VTS UP or DOWN button is pressed and held, the pump nozzle will keep moving until the button is released at the desired trim attitude or the maximum trim position (up or down) is reached.

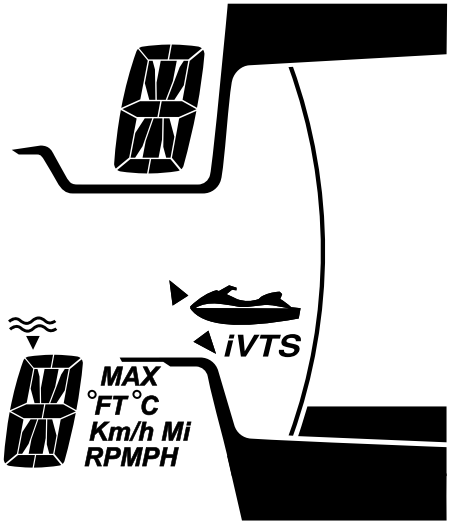
Using Preset Trim Positions

Three preset trim positions can be selected.

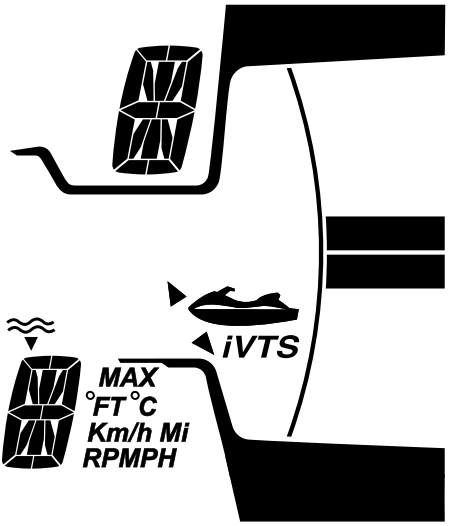
To select the highest trim position recorded, double-click on the VTS UP button (bow up).



To select the lowest trim position recorded, double-click on the VTS DOWN button (bow down).



To select the mid trim position, it depends on the actual trim position. Double-click on the VTS UP button if it is positioned below mid trim or double-click on the VTS DOWN button if it is positioned above mid trim.



NOTE:
These preset trim positions are not adjustable.

Activating the Intelligent Debris Free Pump System (iDF System) (if equipped)

The iDF system is designed to allow removing small debris or a cord caught in the jet pump by turning the propeller in reverse during a few seconds.

To activate the system, do the following:

1. Stop the engine.
2. Press and hold the iDF button.

   The following messages can appear in the digital display during this step.

   – **Engaging + R icon blinking** - The request is accepted and the sequence begins.
   – **Stop engine then hold iDF** - Engine is still running and must be stopped before pressing the iDF button again.
   – **High exhaust temperature** - Exhaust temperature is too

high and needs to cool down before activating the sequence.
– Disable - The iDF system is not enabled on your watercraft, see an authorized Sea-Doo dealer to enable it.

3. Start engine when the message **Press start to go** is displayed.

   When the sequence is completed, the message **Ready to start** will be displayed.
4. Apply throttle when requested.

   If the message **Impeller blocked** is displayed - this indicates that the blocking is too important and the system cannot turn the propeller in the opposite direction. Have the watercraft servicing by an authorized Sea-Doo dealer.
5. After a few seconds, the engine will shut down automatically. **Engaging + R icon blinking** will appear.
6. Start engine when the message **Press start to go** is displayed.

   When the sequence is completed, the message **Ready to start** will be displayed.
7. Start the engine and try the watercraft when the message **Ready to start** will be displayed.
8. If the propulsion system has not returned to 100% of its original performance due to any remaining debris, stop engine and perform these steps again.

   A moderate clog of weeds may require multiple cycles before they can be entirely cleared out.
   – Between cycles, it is more efficient to try to drive the watercraft to permit to it to plane in order to help dislodge any remaining weeds before reattempting the iDF cycle.

   If the problem persists after several tries, try the *On-Beach Water Cleaning* procedure, refer to *Jet pump Water Intake and Impeller Cleaning* in *Special Procedures* section.

General Operating Recommendations

NOTICE

Combustion engines need air to operate; consequently this watercraft cannot be totally watertight. Any maneuvers such as turning constantly in tight circles, plunging the bow through waves, or capsizing the watercraft, that cause the air inlet openings to be under water may cause severe engine problems due to water ingestion. Refer to *How to Steer the Watercraft* in the *Operating Instructions* section and the *Warranty* section contained in this Operator's Guide.

Rough Water or Poor Visibility Operation

Avoid operation in these conditions. If you must do so, proceed with caution using minimum speed.

Crossing Wakes or Waves

1. The operator must grip the handlebar firmly and keep both feet on the footboards.
2. The passenger must grip the handholds with both hands and keep both feet on the footboards.
3. Reduce speed.
4. Always be prepared to steer and maintain your balance as necessary.
5. When going over waves, raise your body slightly off the seat to absorb the shocks with your legs.
6. When crossing wakes, always keep a safe distance from watercraft ahead.

⚠ WARNING

When crossing wakes or waves, slow down. Operator and passenger(s) should brace themselves and adopt a semi-standing position to help absorb the bumps.Do not jump wakes or waves - jumping can cause injuries such as back or spinal injury (paralysis).

Stopping/Docking

When the throttle is released, the watercraft is slowed by water drag against the hull. The stopping distance will vary depending on the watercraft size, weight, speed, water surface condition, presence and direction of wind and current.

The iBR system can also be used for slowing down or for stopping more quickly, and for increasing maneuverability especially when docking.

The operator should practice in open waters at various speeds to become familiarized with the stopping distances under different conditions. Stopping using the iBR system in a straight line and in a turn should be practiced extensively to become familiar with the handling characteristics of the watercraft under partial or full braking conditions.

⚠ WARNING

Always practice braking in open waters ensuring there are no watercrafts or boats in your immediate vicinity, especially astern. Other users of the waterways may not be able to maneuver or stop in time to avoid you should you unexpectedly come to a full stop in front of them.

⚠ WARNING

It is important to inform other operators who intend to follow in a convoy formation of the braking and maneuvering capability of your vehicle and that a greater distance should be maintained.

The operator should also practice docking with an imaginary dock using the various controls available (iBR lever and throttle lever).

Release the throttle at a sufficient distance before the expected landing area.

Reduce speed to idle.

Maneuver using a combination of the iBR lever and throttle lever, shifting to neutral, reverse, or forward as required.

Remember that when operating in reverse, steering direction is reversed. Turning the handlebars to the left will move the stern to the right when backing up, and vice-versa.

⚠ WARNING

Directional control is reduced when the throttle is released and lost when engine is off. Steering direction is reversed when operating the watercraft in reverse.

Beaching

NOTICE

It is not recommended to run the watercraft to the beach.

Drive slowly towards the beach and shut off the engine before the water is less than 90 cm (3 ft) deep under the

lowest rear portion of the hull. Then pull the watercraft to the beach.

NOTICE

Riding the watercraft in shallow water may result in damage to the impeller, iBR components, or other jet pump components. Always shut off the engine before water is less than 90 cm (3 ft) deep and never use reverse or braking.

OPERATING MODES

Operating modes available	GTI	GTI SE	GTR	WAKE
Default riding mode	X	X	X	X
Sport mode	X	X	X	X
ECO mode	X	X	X	X
Speed Limiter mode	N/A	X	X	X
Slow speed mode	N/A	X	X	X
Ski mode	N/A	-	-	X
Learning key modes	-	-	-	-

X = Indicates a **standard** feature
- = See your Sea-Doo dealer for availability.
N/A = Not Applicable

To change the operating mode;
– Press MODE button,
– Acknowledge the safety message by pressing and holding MODE button will get the SPORT mode,
– Pressing MODE button again will activate the SKI mode (if equipped),
– Pressing MODE button again will activate the ECO mode.

TYPICAL

Default Riding Mode

By default, the watercraft is set to DEFAULT riding mode of operation when started.

Sport Mode

SPORT MODE provides for instant throttle response and more rapid accelerations than DEFAULT riding MODE.

Once activated, SPORT MODE will remain active until it is deactivated by the operator, or the engine is shut down whereby it defaults back to DEFAULT riding MODE.

Activating Sport Mode

To activate the Sport mode, press once on the MODE button while in DEFAULT riding mode. The sport icon will start to flash and a safety message will scroll. For safety reason, follow the instruction in the safety message to activate the sport mode. Once activated, the SPORT icon will turn ON.

Deactivating Sport Mode

A single press on MODE button will take you to the ECO mode.

ECO Mode (Fuel Economy Mode)

ECO mode provides a smoother throttle application and increased fuel economy.

Speed Control Modes (If Equipped)

To enter one of the speed control modes, press SPEED CTRL button. Depending of the speed of the watercraft, only one of the following modes will be activated.

Once the desired mode is activated, press the SPEED CTRL button then change the value with the UP or DOWN arrow button while the **SET LEVEL** or **SET SPEED** message is active.

To exit the selected speed control mode, press MODE button or long press SPEED CTRL button.

Speed Limiter Mode

Speed limiter mode is a function of iTC (intelligent Throttle Control) system that allows the operator to set the desired maximum watercraft speed.

This is useful when cruising for long distances, operating in limited speed zones, or towing a tuber, skier or wake boarder.

The operator must keep the throttle depressed to maintain forward speed.

Once the maximum speed is set, the operator can vary the watercraft speed from idle speed up to the set speed using the throttle lever. The set speed will not be exceeded even if the throttle lever is fully depressed.

As you proceed under a constant speed setting, keep your attention level up to maintain good situational awareness.

Slowing down is a matter of releasing the throttle lever further than the set point, or by pulling the iBR lever in.

If the iBR lever is pulled in for braking, Speed Limiter mode is overridden but **not deactivated**.

Once the iBR lever is released and the throttle is pulled in to engage forward thrust, the speed limiter function will reengage to limit the watercraft speed as it was set before.

Prerequisite for Speed Limiter Mode Activation

Speed limiter MODE can be activated when the watercraft is going at more then 15 km/h (9 MPH).

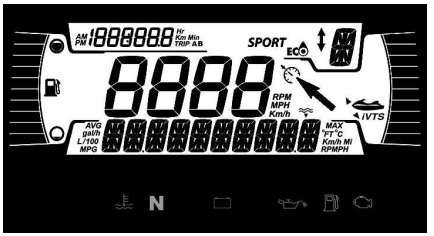
NOTE:
Speed limiter mode is not available if slow speed mode is engaged.

Activating Speed Limiter Mode

1. Maintain a constant speed.
2. Press the Speed Control button on the left keypad.

1. Speed Control button

You will hear a beep indicating that you are now in speed limiter mode, and the speed control MODE indicator will be lit.



TYPICAL

NOTE:
Activating speed limiter mode of operation only limits the maximum speed available when depressing the throttle lever. The throttle lever must be held in to maintain forward speed. Watercraft speed can be varied from idle up to the set cruise speed using the throttle lever once the speed limiter function is activated. Watercraft speed may vary depending on water conditions during use.

Deactivating Speed Limiter Mode

To deactivate speed limiter mode:

1. Release the throttle lever.
2. Press and hold the SPEED CTRL button or press MODE button.

Deactivation of speed limiter mode is indicated by:

– The speed limiter indicator will go off.

NOTE:
If the throttle lever is not fully released when the button is pressed to deactivate the speed limiter mode, the speed control MODE indicator will remain on. The speed limiting function will stay active until the throttle is fully released, then the speed control MODE indicator will go out.

Slow Speed Mode

The Intelligent Throttle Control also allows for a Slow Speed Mode where the driver can adjust and set idle speed. This is useful when operating in slow speed zones where the driver must be especially attentive to possible obstacle avoidance.

If you accelerate above approximately 15 km/h (9 MPH) , Slow Speed Mode will be deactivated and the engine will return to idle RPM when the throttle is released.

Should a situation arise where the operator must stop or accelerate quickly away from a hazardous situation, pulling in the iBR lever, or pulling in on the throttle lever will deactivate slow speed mode and normal control of the watercraft will be returned to the operator.

Prerequisite for Slow Speed Mode Activation

Slow Speed MODE can be activated when the watercraft is going at less then 15 km/h (9 MPH).

NOTE:
Slow speed mode is not available if speed limiter mode is engaged.

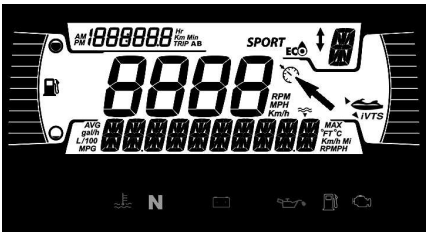
Activating Slow Speed Mode

To activate slow speed mode of operation:

1. Release the throttle lever to idle RPM.
2. Press the SPEED CONTROL button on the left keypad.

1. Speed Control button

The Speed Control indicator will come on in the multifunction display to indicate activation.



TYPICAL

A message will scroll in the multifunction display to specify that you are now in slow speed mode.

The default slow speed setting of 5 will show in the numerical display.

Changing Set Slow Speed

To **increase** or **decrease** the set slow speed, press the UP/DOWN button on the RH handlebar once, or repeatedly.

NOTE:
There are 9 slow speed settings available (1 through 9). Adjust slow speed mode to desired speed.

When pressing the up/down button, a message "SET LEVEL" will appear. You can select from one of the 9 slow speed setting (1 to 9).

Level 5 is the default and it correspond to the normal idle of the vehicle. By using level 1-4 you can slow down the vehicle and go as slow as 1.5 km/h (1 MPH). The slow speed mode can be used as a trolling mode and is useful for fishing. Level 6-9 gives you the ability to go up to 12 km/h (7 MPH) without touching the throttle lever.

⚠ WARNING

The operator must always be seated in driving position at all times when watercraft is at speed. - The tether cord must be attached to the operator's PFD or wrist (wrist strap required) at all times.

NOTE:
Speed will vary depending on load, wind and waves conditions

Deactivating Slow Speed Mode

The slow speed mode can be deactivated using any of the following methods:

- Pressing and holding the Speed Control button.
- Depressing the iBR lever.
- Accelerating past the set slow speed.

When deactivating SLOW SPEED MODE by accelerating using the throttle lever, the iBR gate stays in the forward position.

When using the iBR lever, the iBR gate will move towards the reverse position, then neutral when the lever is released.

SLOW SPEED MODE deactivation will be indicated in the following manner:

- The Speed Limiter indicator will go out

Ski Mode (If Equipped)

Ski mode allows for repeated and precisely controlled launches, and a set towing speed, specifically for towing a skier or wake boarder.

NOTE: A GPS signal is required in order for the ski function to appear in the cluster. To obtain a suitable GPS signal, we recommend that you take the watercraft outside.

RAMP Function

The RAMP function offers a pre-programmed setting for launching and accelerating the watercraft.

RAMP 1 provides:

– Slowest launch (smoothest)
– Slowest acceleration rate

RAMP 5 provides:

– Quickest launch
– Quickest acceleration rate

TARGET SPEED Function

The TARGET SPEED function limits the maximum towing speed.

Once the RAMP has been selected, an average watercraft target speed for that RAMP will be visible in the numerical display.

The operator may increase or decrease the target speed to any value within the selected RAMP speed range.

Using Ski Mode

1. Press MODE button to select the SKI mode.
2. Press OK button when SKI icon flashes.
3. Select ski ramp by using the UP or DOWN arrow button. Ramp 1 will give the slowest acceleration.

NOTE:
Acceleration ramp will not behave the same depending on the vehicle type, vehicle load and water conditions. For safety reasons, always start using ramp # 1 to familiarize your skier with acceleration and then change the ramp as needed.

4. Press OK or RIGHT arrow button to confirm acceleration ramp.
5. Select the maximum target speed by using the UP or DOWN arrow button.
6. Press OK or RIGHT arrow button to confirm.

NOTE:
At any moment you can use the LEFT and RIGHT arrow buttons to change the ramp and speed selection.

7. After your selection and when your are ready, press the OK button to activate the function.

The message **SKI READY** will display.

Keep throttle fully applied to ski.

Releasing the throttle or applying the brake will pause the SKI mode, simply press OK button to reactivate the SKI mode.

NOTE:
MODE remains active and ready until another driving mode is chosen.

Deactivating Ski Mode

To end a ski run and completely deactivate ski mode, release the throttle to idle, then press the MODE button.

Jet Pump Water Intake and Impeller Cleaning

⚠ WARNING

Keep away from intake grate while engine is running. Items such as long hair, loose clothing or personal flotation device straps can become entangled in moving parts.

Weeds, shells or debris can get caught on the intake grate, drive shaft and/or impeller. A clogged water intake may cause troubles such as:

– **Cavitation:** Engine speed is high but watercraft moves slowly due to reduced jet thrust, jet pump components may be damaged.
– **Overheating:** Since the jet pump operation controls the flow of water to cool the exhaust system, a clogged intake will cause the engine to overheat and damage engine internal components.

A weed clogged area can be cleaned as follows:

⚠ WARNING

If it is necessary to reach in to remove any foreign object caught in the propulsion system, the tether cord MUST BE REMOVED from the engine cut-off switch.

In-Water Cleaning

NOTICE

Ensure there is at least 90 cm (3 ft) of water under the lowest rear portion of the hull when all passengers are aboard prior to starting the engine. Otherwise damage to the propulsion system components may occur.

Models equipped with the iDF system

If the watercraft is equipped with the iDF system, use it now. Refer to *How to Use the intelligent Debris Free Pump System* in *Operating Instructions* section.

Models without iDF system

1. Rock the watercraft several times. Most of the time, this will remove the blockage.
2. Start engine and make sure watercraft operates properly.

   If the aforementioned method does not work:
3. With engine running and before applying throttle, pull the iBR lever in to select reverse operation.
4. Vary throttle quickly several times.
5. Repeat procedure if necessary.

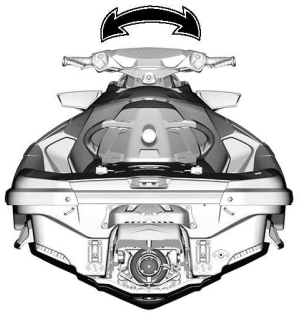
   If system is still blocked, move the watercraft out of the water for cleaning. Refer to *On-Beach Water Cleaning*.

On-Beach Water Cleaning

⚠ WARNING

The tether cord MUST BE REMOVED from the engine cut-off switch to prevent accidental engine starting before cleaning the jet pump area.

1. Place a cardboard or a carpet beside the watercraft to prevent scratching when turning the watercraft for cleaning.
2. Rotate the watercraft to any side for cleaning.



TYPICAL

3. If equipped, move the iBR to the forward position. Refer to *iBR Override Function* for detailed instructions.
4. Clean the water intake area.

   If the system is still clogged, refer to an authorized Sea-Doo dealer for servicing.

NOTICE

Inspect water intake grate for damage. Refer to an authorized Sea-Doo dealer for repair as necessary.

iBR Override Function

When the iBR override function is activated, it allows the user to electrically move the iBR gate and nozzle through its full range of motion using the VTS control button.

NOTE:
The iBR override function is only available when the engine is not running.

⚠ WARNING

When moving the iBR gate using the iBR override function, ensure no one is near the rear of the watercraft. Movement of the gate may squeeze fingers.

NOTICE

An object or tool caught in the iBR system when using the iBR override function may cause damage to the iBR components. Remove all rigid foreign objects that may obstruct the iBR gate travel before moving it.

⚠ WARNING

If it is necessary to reach in to remove any foreign object caught in the propulsion system, strictly observe the following before proceeding:

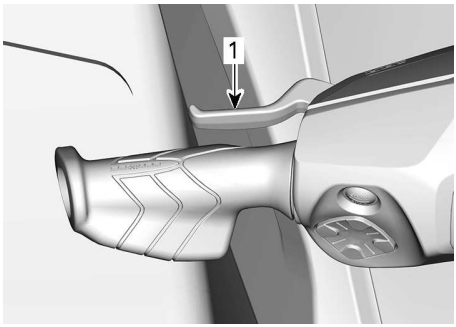
- **Remove tether cord from the engine cut-off switch.**
- **Wait at least 5 minutes.**
- **Do not press on START/STOP button. Should the START / STOP button be pressed, wait another 5 minutes.**

Activating iBR Override Function

1. Power up the electrical system by pressing the START/STOP button.
2. Install the tether cord on the engine cut-off switch.

NOTE: The tether cord must be installed to ensure the information center will not shut off all indications after its self test function. Electrical power will stay on for approximately 1 hour.

3. Pull in and hold the iBR lever for the entire procedure.



1. iBR lever pulled and held

4. When the **IBR OVERRIDE - PRESS MODE BUTTON** message appears in the multifunction gauge, press the MODE button.

   When the function is activated, a ON message will be shown.
5. While still holding the iBR lever in, press the VTS UP/DOWN button to move the iBR gate to the desired position. Ensure the VTS indication in the multifunction gauge changes with the iBR gate movement. If the iBR gate moves upwards, the indication moves upwards.
6. Release the iBR lever.
7. Remove the tether cord from the engine cut-off switch.

⚠ WARNING

If it is necessary to reach in to remove any foreign object caught in the propulsion system, strictly observe the following before proceeding:

- **Remove tether cord from the engine cut-off switch.**
- **Wait at least 5 minutes.**
- **Do not press on START/STOP button. Should the START / STOP button be pressed, wait another 5 minutes.**

Capsized Watercraft

The watercraft is designed so that it should not turn over easily. Two sponsons mounted on the side of the hull assist watercraft stability. If it turns over, it will remain capsized.

To turn the watercraft upright, ensure the engine is off and the D.E.S.S. key is **NOT** on its post, then grab the inlet grate, step on a side bumper rail and use your weight to rotate the watercraft towards you.

NOTE:
A label on the stern near the flushing connector provides instructions on how to turn the watercraft right side up. The label is upside down so that it can be read when the watercraft is overturned.

TYPICAL

The engine features a Tip-Over Protection System (T. O. P. S.™). When the watercraft tips over, the engine is automatically stopped.

When the watercraft is returned to its normal operating position, the engine can be started normally.

NOTICE

When the watercraft has been turned over 5 minutes, do not attempt to crank the engine to avoid water ingestion that would damage the engine. See an authorized Sea-Doo dealer as soon as possible.

NOTICE

If the engine does not crank, do not attempt to start it anymore. Otherwise, the engine could be damaged. See an authorized Sea-Doo dealer as soon as possible.

As soon as possible, check for presence of water in the bilge. Drain as necessary when back to the shore.

Submerged Watercraft

To limit damages to the engine, perform the following procedure as soon as possible.

1. Drain bilge.
2. If it was submerged in salt water, spray bilge and all components with fresh water using a garden hose to stop the salt corroding effect.

NOTICE

Never try to crank or start the engine. Water trapped in intake manifold would flow towards the engine and possibly cause severe engine damage.

3. Bring the watercraft to an authorized Sea-Doo dealer as soon as possible to have it serviced.

NOTICE

Failure to have the engine properly serviced may cause severe engine damage.

Water-Flooded Engine

NOTICE

Never try to crank or start the engine. Water trapped in intake manifold would flow towards the engine and possibly cause severe engine damage.

Bring the watercraft to an authorized Sea-Doo dealer as soon as possible to have it serviced.

NOTICE

Failure to have the engine properly serviced may cause severe engine damage.

Towing the Watercraft in Water

Special precautions should be taken when towing a Sea-Doo watercraft in water.

The maximum recommended towing speed is 8 km/h (5 MPH).

This will prevent the exhaust system from filling with water, which may lead to water being injected into and filling the engine. Without the engine running, there isn't any exhaust pressure to push the water out the exhaust outlet.

NOTICE

Failure to follow these instructions may result in damage to the engine. If you must tow a stranded watercraft in water, be sure not to exceed the maximum towing speed of 8 km/h (5 MPH).

NOTICE

Never tow a watercraft facing backwards as water intrusion may occur.

⚠ CAUTION

A tow line shall always be made fast in such a way that it can be released when under load.

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MAINTENANCE

MAINTENANCE SCHEDULE

Maintenance is very important to keep your watercraft in safe operating condition. The vehicle should be serviced as per the maintenance schedule.

Proper maintenance is the owner's responsibility. A warranty claim may be denied if, among other things, the owner or operator caused the problem through improper maintenance or use.

Perform periodic checks and follow the maintenance schedule. **The maintenance schedule does not exempt the pre-ride inspection**.

⚠ WARNING

Failure to properly maintain the watercraft according to the maintenance schedule and procedures can make it unsafe to operate.

EPA Regulation - Canadian and USA Watercrafts

A repair shop or person of the owner's choosing may maintain, replace, or repair emission control devices and systems. These instructions do not require components or service by BRP or authorized Sea-Doo dealers.

Although an authorized Sea-Doo dealer has an in-depth technical knowledge and tools to service your vehicle, the emission-related warranty is not conditioned on the use of an authorized Sea-Doo dealer or any other establishment with which BRP has a commercial relationship.

Proper maintenance is the owner's responsibility. A warranty claim may be denied if, among other things, the owner or operator caused the problem through improper maintenance or use.

For emission-related warranty claims, BRP is limiting the diagnosis and repair of emission-related parts to the authorized Sea-Doo dealers. For more information, please refer to the *US EPA Emissions Warranty* contained in the *warranty* section.

You must follow the instructions for fuel requirements in the fueling section of this manual. Even if gasoline containing greater than ten volume percent ethanol is readily available, the US EPA issued a prohibition against the use of gasoline containing greater than 10 vol% ethanol that applies to this vehicle. The use of gasoline containing greater than 10 vol% ethanol with this engine may harm the emission control system.

Salt Water/ Dirty Water Usage

Whenever your watercraft is used in salt or dirty water, this type of usage requires maintenance tasks to be performed between the regular yearly intervals. These are identified as A+ in the chart below.

If you regularly ride in **salt or dirty water**, follow the A+ interval and perform the tasks outlined in the chart below.

Maintenance Schedule

Make sure to perform proper maintenance at recommended intervals as indicated in the tables.

The maintenance chart indicates the items needing to be addressed based on 2 criteria, whichever happens first:

– Calendar time
– Watercraft hours.

Your driving habits determines the factors you shall adhere to. For example:

– Someone who uses their watercraft every weekend would follow the **hours reading** to determine the frequency of his maintenance.
– Someone who uses their watercraft seldomly over the year or only on a few occasions would follow the **calendar time** to determine the frequency of his maintenance.

IMPORTANT: The following tables show the appropriate maintenance application for the first 3 years. For subsequent years, repeat the same pattern alternatively.

Maintenance Overview		
Calendar Time	Hour meter	Regular/ Salt/ Dirty water
Every Month		**A+**
1 Year	100 Hours	**A**
Every Month		**A+**
2 Years	200 Hours	**A** and **B**
Every Month		**A+**
3 Years	300 Hours	**A**

Rotax 1630 ACE Engines

Regular	A	B
A = Adjust **C = Clean** **F = Flush** **I = Inspect** **L = Lubricate** **R = Replace** **T = Torque**	**Every year or 100 Hours**	**Every 2 years or 200 Hours**
Air and Fuel Delivery		
Air delivery components and function (ducts, hoses, clamps)	**I, C**	
Fuel components and function (Fuel tank cap, fuel tank fixation, hose condition, leaks)	**I**	
Supercharger		**I**
Deck and Hull		
Sacrificial anode(s)	**I**	
Body panels and hardware	**I, T**	
Hull	**I**	
Engine and Cooling		
Engine cooling components (coolant concentration, coolant level, hose condition, clamps, leaks)	**I, A**	
Engine oil and oil filter	**R**	
Ignition components and function	**I**	
Engine rubber mounts	**I**	
Spark plugs		**R**
Engine coolant	**R** Every 5 years or 300 hour	
Exhaust and Emissions		
Exhaust components (gaskets, pipes, muffler condition, leaks)	**I**	
Exhaust	**F**	
iBR		
iBR components and function	**I,**	
Propulsion		
Propulsion components and function	**I**	**I, L**
Electrical		
Battery connections and condition	**I**	

Regular	A	B
A = Adjust **C = Clean** **F = Flush** **I = Inspect** **L = Lubricate** **R = Replace** **T = Torque**	**Every year or 100 Hours**	**Every 2 years or 200 Hours**
Electrical harness routing	**I**	
Modules and applicable software updates	**I**	
Operation of control switches and lighting	**I**	
Steering and Controls		
Steering components and function	**I**	
Throttle operation	**I**	
Feature		
Fish finder transducer support	**I, A**	

SALT/ DIRTY WATER	A+	A	B
A = Adjust **C = Clean** **F = Flush** **I = Inspect** **L = Lubricate** **R = Replace** **T = Torque**	**After each ride in salt or dirty water or monthly when used in salt or dirty water**	**Every year or 100 Hours**	**Every 2 years or 200 Hours**
Air and Fuel Delivery			
Air delivery components and function (ducts, hoses, clamps)		**I, C**	
Fuel components and function (Fuel tank cap, fuel tank fixation, hose condition, leaks)		**I**	
Supercharger			**I**
Deck and Hull			
Sacrificial anode(s)	**I** Every month	**I**	
Body panels and hardware		**I, T**	
Hull		**I**	
Engine and Cooling			
Engine compartment	**F** After each ride		
Engine compartment metallic components	**L** Each month		
Engine cooling components (coolant concentration, coolant level, hose condition, clamps, leaks)		**I, A**	
Engine oil and oil filter		**R**	
Ignition components and function		**I**	
Engine rubber mounts		**I**	
Spark plugs			**R**
Engine coolant		**R** Every 5 years or 300 hour	
Exhaust and Emissions			
Exhaust components (gaskets, pipes, muffler condition, leaks)		**I**	

SALT/ DIRTY WATER	A+	A	B
A = Adjust **C = Clean** **F = Flush** **I = Inspect** **L = Lubricate** **R = Replace** **T = Torque**	**After each ride in salt or dirty water or monthly when used in salt or dirty water**	**Every year or 100 Hours**	**Every 2 years or 200 Hours**
Exhaust	**F** After each ride	**F**	
iBR			
iBR components and function		**I,**	
Propulsion			
Propulsion components and function		**I**	**I, L**
Electrical			
Battery connections and condition		**I**	
Electrical harness routing		**I**	
Modules and applicable software updates		**I**	
Operation of control switches and lighting		**I**	
Steering and Controls			
Steering components and function		**I**	
Throttle operation		**I**	
Steering and Controls			
Steering components and function		**I**	
Throttle operation		**I**	
Feature			
Fish finder transducer support		**I, A**	

MAINTENANCE PROCEDURES

This section includes instructions for basic maintenance procedures.

⚠ WARNING

Turn off the engine and follow these maintenance procedures when performing maintenance. If you do not follow proper maintenance procedures you can be injured by hot parts, moving parts, electricity, chemicals or other hazards.

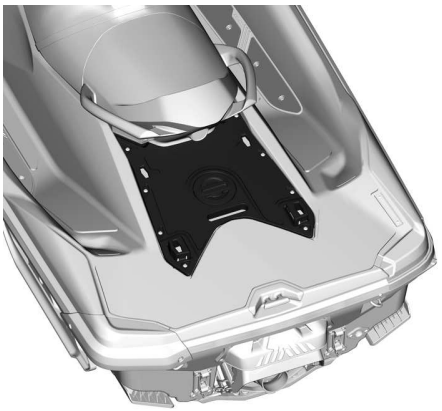
⚠ WARNING

Should removal of a locking device (e.g. lock tabs, self-locking fasteners, etc.) be required, always replace with a new one.

NOTICE

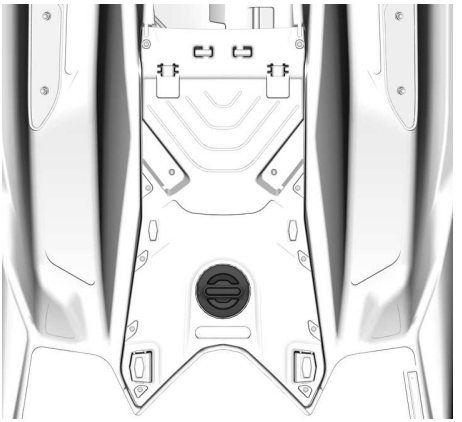
Never leave any object, rag, tool, etc., in the engine compartment or in the bilge.

Engine Service Cover



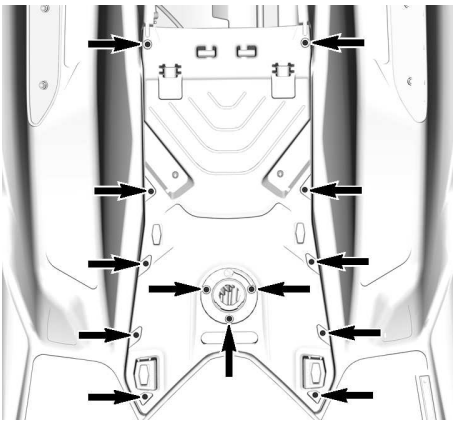
Removing the Engine Service Cover

1. Remove the seats.
2. Remove the ski/ wake pylon cover.



TYPICAL

3. Remove the screws.



TYPICAL

4. Remove the cover.

Installing the Engine Service Cover

1. The installation is the reverse of the removal procedure. However, pay attention to the following.
2. Install all screws.
3. Tighten screws to specification.

Tightening Torque	
Engine service cover screw	2.8 ± 0.2 Nm (25 ± 2 lbf-in)

Engine Oil

Recommended Engine Oil

Rotax® engines were developed and validated using the XPS® oil.

BRP recommends the use of its XPS engine oil or an equivalent at all time.

Damage caused by the use of an oil not suitable for the engine may not be covered by the BRP Limited Warranty.

XPS Recommended Engine Oil	
General purpose	5W40 synthetic blend oil
Warm temperature	10W50 synthetic oil

If the recommended XPS engine oil is not available:

Engine **Without** Supercharger	Use a **4-stroke SAE synthetic engine oil** meeting or exceeding the following lubricant industry specifications. Always check the API service label certification on the oil container, it must contain at least one of the indicated standards. **API service classification SN or JASO-MA2**
Engine **With** Supercharger	Use a **4-stroke SAE motorcycle engine oil compatible with wet clutches** meeting or exceeding the following lubricant industry specifications. Always check the API service label certification on the oil container, it must contain at least one of the indicated standards. **API service classification SN or JASO-MA2**

Verifying the Engine Oil Level

NOTICE

Operating the engine with an improper level may severely damage engine.

⚠ CAUTION

Many components in the engine compartment may be very hot. Direct contact may result in skin burn.

If Watercraft is Out of the Water

NOTICE

Watercraft must be level.

⚠ CAUTION

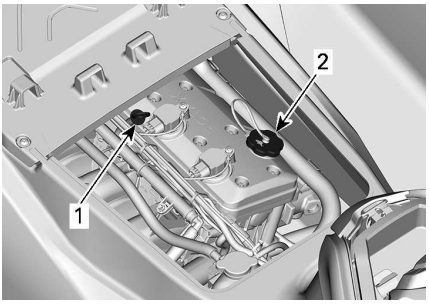
When operating the engine while the watercraft is out of water, the heat exchanger in the ride plate may become very hot. Avoid any contact with the ride plate as burns may occur.

1. Raise trailer tow pole, then block in position when bumper rail is level.
2. Install a garden hose on the exhaust system flushing connector. Refer to *Exhaust System* in this section and follow the procedure.

NOTICE

Never run engine without supplying water to the exhaust system. Failure to cool exhaust system may severely damage it.Never run engine longer than 2 minutes. Drive line seal has no cooling when watercraft is out of water.

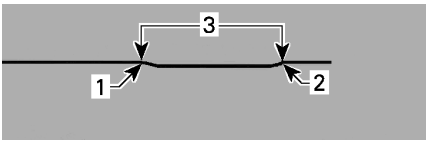
3. Remove the seat(s).
4. Start the engine.
5. Open the water tap.
6. Run the COLD engine at **idle for 30 seconds**.
7. Close water tap.
8. Bring engine RPM to 4000-4500 RPM for 15 seconds.
9. Stop the engine abruptly by pressing the start/stop button or removing the tether cord.
10. Wait at least 30 seconds for the oil to settle in the engine, then pull dipstick out and wipe clean.



TYPICAL

1. *Oil dipstick*
2. *Oil filler cap*

11. Reinstall dipstick, push in completely.
12. Remove dipstick again and read oil level. It should be between the FULL and ADD marks.



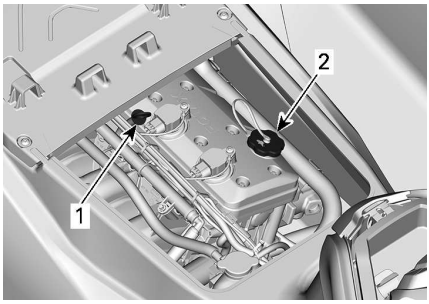
TYPICAL

1. *Full*
2. *Add*
3. *Operating range*

13. Add oil to ensure the level is between marks as required.
    1. Remove oil cap.
    2. Place a funnel in valve cover opening.
    3. Add a small amount of the recommended oil to reach the proper level.

NOTICE

Do not overfill.



TYPICAL

1. *Oil dipstick*
2. *Oil filler cap*

NOTE:
Every time oil is added in the engine, the complete procedure explained in this section must be carried out again. Otherwise, you will obtain a false oil level reading.

14. Properly reinstall oil cap and dipstick.

NOTICE

Ensure that oil filler cap is tighten properly. Otherwise engine oil can spill out.

Engine Oil Change and Oil Filter Replacement

The oil change and filter replacement may be performed by an authorized Sea-Doo dealer, repair shop, or person of your own choosing.

Engine Coolant

Recommended Engine Coolant

XPS Recommended Coolant
Extended life pre-mixed coolant
If the Recommended XPS Coolant is Not Available
Use a low silicate, extended life ethylene-glycol premixed coolant (50%-50%) specifically formulated for internal combustion aluminum engines.

NOTICE

Always use ethylene-glycol anti-freeze containing corrosion inhibitors specifically for internal combustion aluminum engines.

To prevent antifreeze deterioration, always use the same brand and grade. Never mix different brands or grades unless cooling system is completely flushed and refilled.

Engine Coolant Level

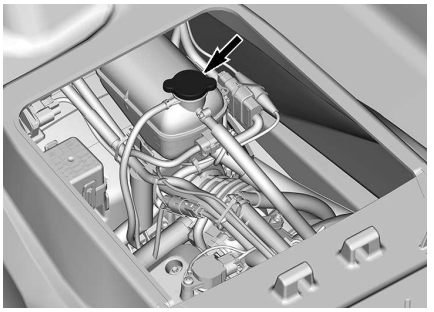
⚠ WARNING

Check coolant level with engine cold. Never add coolant when engine is hot.

⚠ CAUTION

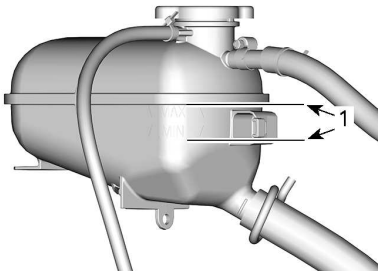
Many components in the engine compartment may be very hot. Direct contact may result in skin burn.

1. Remove seats.
2. Locate the expansion tank cap.



TYPICAL

With watercraft on a level surface, coolant level should be between MIN. and MAX. marks on coolant reservoir when engine is cold.



COOLANT EXPANSION TANK

1. Level between marks when engine is cold

NOTE:
The watercraft is level when it is in water. When on a trailer, raise trailer tow pole and block in this position when bumper rail is level.

Add coolant, see *Recommended Engine Coolant* for specification, to adjust coolant level between marks as required. Use a funnel to avoid spillage. Do not overfill.

3. Properly tighten the expansion tank cap. Reinstall seats.

NOTE:
A cooling system that frequently requires coolant is an indication of leaks or engine problems. See an authorized Sea-Doo dealer.

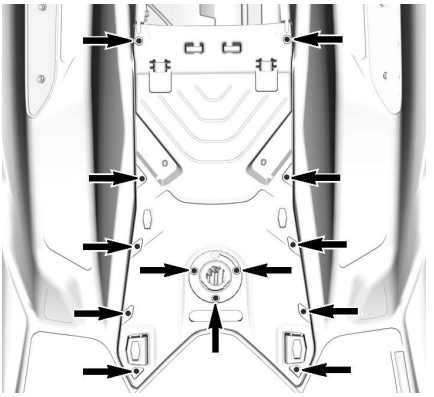
Engine Coolant Replacement

Coolant replacement should be performed by an authorized Sea-Doo dealer.

Ignition Coils

Ignition Coil Access

1. Remove tether cord from the engine cut-off switch.
2. Remove seat(s).
3. Remove engine service cover by removing the retaining screws.



Removing the Ignition Coil

1. Disconnect ignition coil connector.

NOTICE

Do not pry on ignition coil using any tool.

2. Remove ignition coil retaining screw.
3. Remove ignition coil from spark plug by rotating coil side to side as you pull up.

Installing the Ignition Coil

1. Align the retaining screw hole of the ignition coil with the threaded hole on the valve cover.
2. Install the ignition coil on the spark plug and push it all the way down until it rests on the valve cover.

3. Install the retaining screw and tighten to specification below.

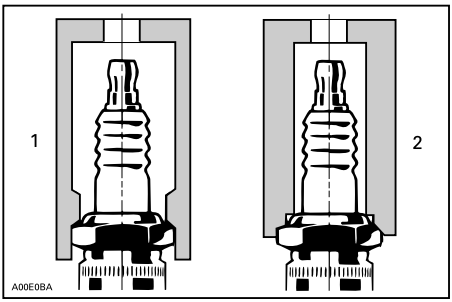
Tightening Torque	
Ignition coil retaining screw	9 ± 1 Nm (80 ± 9 lbf-in)

4. Connect ignition coil connector.

Spark Plugs

Removing the Spark Plug

1. Remove the ignition coils. Refer to *Removing the Ignition Coil*.
2. Clean the spark plug and cylinder head with compressed air.
3. Unscrew the spark plug completely using a spark plug socket.



1. Approved socket
2. Improper socket

4. Use the ignition coil to take spark plug out of its hole.

Installing the Spark Plug

Prior to installation, ensure the contact surfaces of the cylinder head and spark plug are free of grime.

1. Using a wire feeler gauge, check electrode gap as specified in *Technical Specifications*. Replace the spark plug if not to specification.

NOTICE

Do not adjust gap on this type of spark plug. The adjustment could weaken negative electrodes which may lead to electrode breaking and severe engine damage.

2. Apply anti-seize lubricant on the spark plug threads to prevent possible seizure.
3. Hand screw spark plug into cylinder head. Then, tighten the spark plug to specification with a spark plug socket.

Tightening Torque	
Spark plug	18 ± 2 Nm (159 ± 18 lbf-in)

4. Install the ignition coils. Refer to *Ignition Coil*.

Exhaust System

⚠ DANGER

DO NOT run the engine indoors or without adequate ventilation or permit exhaust fumes to accumulate in confined areas. Engine exhaust contains carbon monoxide (CO) which, if inhaled, can cause serious brain damage or death.

Flushing the Exhaust System

Flushing the exhaust system with fresh water is essential to neutralize corroding effects of salt or other chemical products present in water. It will help to remove sand, salt, shells or other particles in water jackets and/or hoses.

Exhaust system flushing should be performed when the watercraft is not expected to be used further the same day or when the watercraft is stored for any extended time.

NOTICE

Failure to flush the system, when necessary, will severely damage exhaust system. Make sure engine operates during entire procedure.

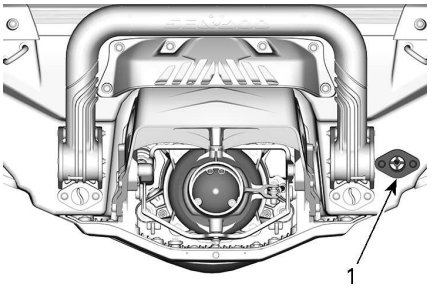
⚠ WARNING

Perform these operations in a well ventilated area. Certain components in the engine compartment may be very hot. Direct contact may result in skin burn. Do not touch any electrical part or jet pump area when engine is running.

⚠ WARNING

When operating the engine while the watercraft is out of the water, the heat exchanger in the ride plate may become very hot. Avoid any contact with ride plate as burns may occur.

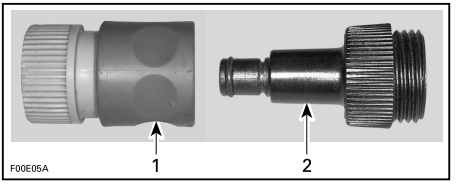
1. Connect a garden hose to connector located at the rear of watercraft. **Do not open water tap yet.**



1. Water inlet connector

NOTE:
The following tool is recommended when a quick connect adapter is used to ease garden hose installation.

Recommended Tool	
Flushing connector adapter 295 500 473	



1. Quick connect adapter
2. Flushing connector adapter

2. Start the engine then immediately open the water tap.

NOTICE

Always start the engine before opening the water tap. Open water tap immediately after engine is started to prevent overheating. Never run engine without supplying water to the exhaust system when watercraft is out of water.

3. Run the engine 90 seconds at idle.

NOTICE

Never run engine longer than 2 minutes. Drive line seal has no cooling when watercraft is out of water.

4. Ensure water flows out of jet pump while flushing.
5. Close the water tap, run the engine at 5000 RPM for 5 seconds and then stop the engine.

NOTICE

Always close the water tap before stopping the engine.

6. Disconnect the garden hose and the flushing connector adapter (if used).

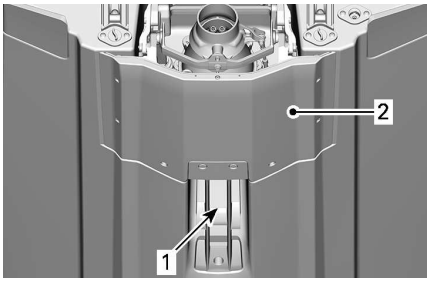
Ride Plate and Water Intake Grate

Inspecting the Ride Plate and the Water Intake Grate

Inspect ride plate and jet pump water intake grate for damage. Visit your Sea-Doo dealer to have any damaged part repaired or replaced.

⚠ WARNING

The tether cord must always be removed from the engine cut-off switch prior to inspecting the intake grate.



INSPECT THESE AREAS

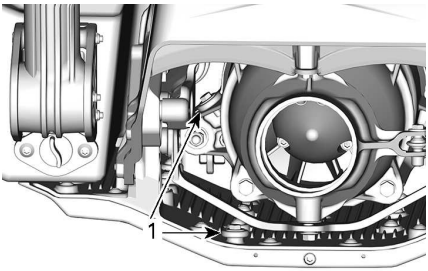
1. *Water intake*
2. *Ride plate*

Sacrificial Anodes

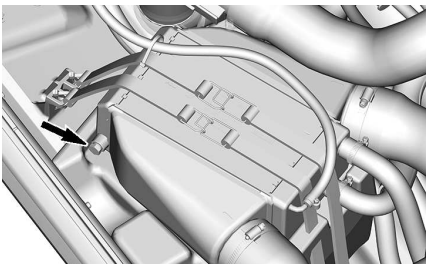
Inspecting the Sacrificial Anodes

Sacrificial anodes are located on:

– Pump
– Ride plate
– Intercooler (if equipped).



1. Sacrificial anodes



INTERCOOLER (IF EQUIPPED)

Check the sacrificial anodes for wear. If worn more than half, replace them.

Removing the Sacrificial Anode

Unscrew sacrificial anode retaining nut and remove anode.

Installing the Sacrificial Anode

Installation is the reverse of the removal procedure.

Tightening Torque
9 ± 1 Nm (80 ± 9 lbf-in)

Ski/ Wakeboard Pylon (if equipped)

Inspecting the Ski/ Wakeboard Pylon

Check the ski/ wakeboard pylon operation. Ensure it slides up and down easily.

Check the locking mechanism operation.

Check fasteners tightness. If something is found defective, don't use the ski/ wakeboard pylon and visit an authorized Sea-Doo dealer for repair.

Lubricating the Ski/ Wakeboard Pylon

Clean ski/ wakeboard pylon and apply a light coat of super lube grease or equivalent.

Lubricate pylon throughout its length.

Wipe off all excess grease and reinstall pylon.

Extend and retract several times to distribute the lubricant.

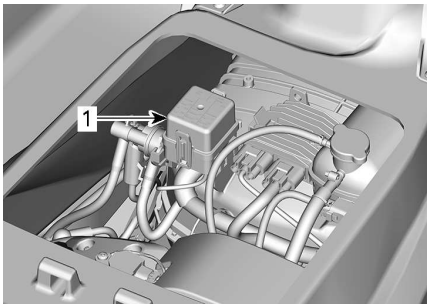
Fuses

Fuse Location

All fuses are located inside a single fuse box.

To access the fuse box:

Remove seat(s).



TYPICAL

1. Fuse box

To remove a fuse box cover, squeeze locking tabs together, hold and pull fuse box cover to open.

NOTE:
Fuse ratings and positions are illustrated on the fuse box cover.

Use the fuse remover/installer included in the fuse box to ease fuse removal.

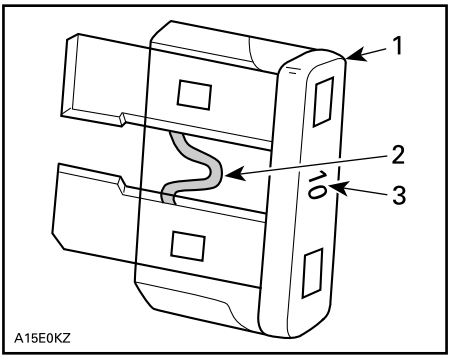
Inspecting a Fuse

Check fuse condition and replace it if necessary.

⚠ WARNING

Never use a higher rated fuse than specified.

To remove fuse from holder, pull fuse out. Check if filament is melted.



TYPICAL

1. Fuse
2. Check if melted
3. Ampere rating

⚠ WARNING

If fuse burns out repeatedly, source of malfunction should be determined and corrected before restarting. Visit an authorized Sea-Doo dealer for servicing.

Fuse Description

Fuse	Rating	Description
1	-	Not used
2	15 A	Fuel Inj., Ign. Coils and Fuel Pump

Fuse	Rating	Description
3	3 A	Bilge Pump (if equipped)
4	-	Not used
5	-	Not used
6	30 A	Charge
7	5 A	Cluster
8	-	Not used
9	30 A	iBR
10	5 A	Start/Stop
11	5 A	ECM
12	30 A	Battery
13	15 A	Diagnostic Tool 2
14	15 A	Diagnostic Tool 1, Accessory connector

WATERCRAFT CARE

Remove the watercraft from the water every day.

Post-Operation Care

Flushing the Exhaust System

The exhaust system should be flushed daily when watercraft is used in salt or foul water.

Refer to *Maintenance Procedures*.

Additional Care for Foul Water or Salt Water Operation

When the watercraft is operated in foul water and particularly in salt water, additional care should be taken to protect the watercraft and its components.

Rinse watercraft bilge area with fresh water.

Never use a high pressure washer to clean the bilge. **USE LOW PRESSURE ONLY (such as a garden hose).**

High pressure can cause damages to electrical or mechanical systems.

⚠ CAUTION

Allow engine to cool before performing any maintenance.

NOTICE

Failure to perform proper care such as: watercraft rinsing, exhaust system flushing and anti-corrosion treatment, when watercraft is used in salt water, will result in damage to the watercraft and its components. Never leave the watercraft stored in direct sunlight.

Seat Cleaning

Before applying a cleaning product on the seat, try removing marks with a white eraser.

Many marks, as shoes marks, can be removed easily with this method.

Body and Hull

Repair

If any repairs are needed to body components or to the hull, contact your authorized Sea-Doo dealer.

Cleaning

Wash the body and the hull with a soap and water solution (use only mild detergent). Rinse thoroughly with fresh water.

Remove marine organisms from the inside and outside of the hull.

NOTICE

Never clean using the following products:

- **XPS S4 Heavy Duty Cleaner**
- **Strong detergent**
- **Degreasing agent**
- **Ammonia**
- **Acetone or other ketones**
- **Alcohol**
- **Toluene or other aromatic solvents**
- **Chlorinated solvents**
- **Mineral spirits**
- **Paint thinners**
- **Petroleum based products.**

Stains may be removed from the seat and fiberglass using the XPS All Purpose Cleaner and Degreaser or the equivalent.

To clean the carpets, use 3M™ Citrus Base Cleaner (24 oz spray can) or an equivalent.

⚠ WARNING

Never apply plastic or vinyl protector on the carpets or seat as the surface will become slippery and the occupants may slip off the watercraft.

Respect the environment by ensuring fuel, oil or cleaning solutions do not drain into the waterways.

Protection

Apply a good quality marine wax to the body.

If the watercraft is to be stored outside, cover it with an opaque tarpaulin to prevent sun rays and grime from affecting the plastic components, watercraft finish, as well as preventing dust accumulation.

NOTICE

The watercraft should never be left in water for storage. Never leave the watercraft stored in direct sunlight. Never store watercraft in a plastic bag.

STORAGE AND PRESEASON PREPARATION

Storage

⚠ WARNING

Because fuel and oil are flammable, you should have an authorized Sea-Doo dealer, repair shop, or person of your own choosing to inspect the fuel system integrity as specified in the periodic inspection chart.

It is recommended that the watercraft be serviced by an authorized Sea-Doo dealer, repair shop, or person of your own choosing for storage, however the following operations can be performed by you with a minimum of tools.

NOTE:
Carry out the following tasks in the same order as detailed in this section.

NOTICE

Do not run the engine during the storage period.

Propulsion System

Cleaning the Jet Pump

⚠ WARNING

Always remove tether cord from the engine cut-off switch to prevent unexpected engine starting before cleaning the jet pump area. Engine must not be running for this operation.

Rinse the jet pump by spraying water through its inlet and outlet openings.

Spray an anti-corrosive product on the propulsion system parts.

Service Product
XPS Anti-Corrosive Lubricant or equivalent

Inspecting the Jet Pump

Visit your authorized Sea-Doo dealer.

Fuel System

Protecting the Fuel System

A fuel stabilizer should be added in the fuel tank to prevent fuel deterioration and fuel system gumming. Follow stabilizer manufacturers' instructions for proper use.

Service Product
Fuel stabilizer

NOTICE

Fuel stabilizer should be added prior to engine lubrication to prevent the loss of the chemical properties of fuel and protect the fuel system against varnish deposits.

Fill up fuel tank completely. Make sure there is no water inside fuel tank.

NOTICE

Should any water be trapped inside fuel tank, severe internal damage may occur to the fuel injection system.

Engine and Exhaust

Flushing the Exhaust System

Perform procedure as described in *Maintenance Procedures* section.

Replacing the Engine Oil and Oil Filter

The oil change and filter replacement may be performed by an authorized Sea-Doo dealer, repair shop, or person of your own choosing.

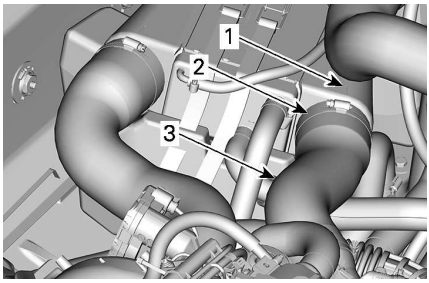
Draining the Intercooler

It is important to expel any trapped water that may have accumulated from condensation in the intercooler.

Proceed as follows:

1. Remove the seat.
2. Remove the engine service cover. Refer to *Engine Service Cover*.
3. Ensure there is an alignment line drawn on the intercooler inlet hose. This will ensure the hose is not twisted or kinked at reinstallation.
4. Loosen the clamp retaining the intercooler inlet hose.
5. Remove the intercooler inlet hose from the intercooler.

NOTE:
This hose feeds the hot, compressed air from the engine supercharger to the intercooler inlet.



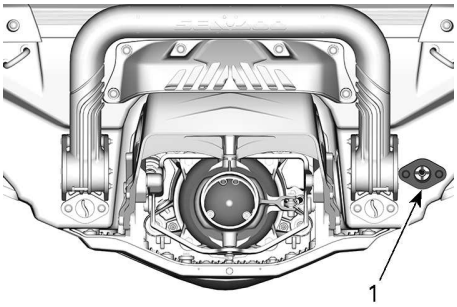
1. *Hose alignment lines*
2. *Hose clamp*
3. *Intercooler inlet hose*

6. The intercooler air side is self--draining into the intercooler inlet--side manifold. By disconnecting the intercooler inlet hose, the presence of condensated water can be visually assessed and properly drained off without the engine running.
7. Reinstall the intercooler air outlet hose, ensure it is properly aligned as prior to removal to ensure proper engine operation.

Draining the Exhaust System

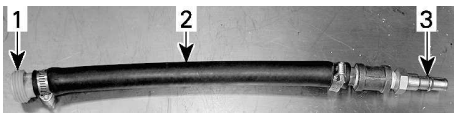
In areas where temperature may freeze, water trapped in the exhaust system and intercooler must be removed.

Using the flushing connector, inject pressurized air at 379 kPa (55 lbf/in²) into system until there is no more water flowing from jet pump.



1. *Flushing connector*

The following hose can be fabricated to ease draining procedure.



TYPICAL

1. *Flushing connector adapter*
2. *Hose 12.7 mm (1/2 in)*
3. *Air hose male adapter*

NOTICE

Failure to drain the exhaust system may cause severe damage to the exhaust manifold.

Remove special tools.

Lubricating the Engine Cylinders

1. Remove spark plugs. Refer to *Maintenance Procedures* section.
2. Spray lubricant in each cylinder through spark plug holes.

Service Product
XPS Anti-Corrosive Lubricant or equivalent

3. Fully depress the throttle lever. Depressing the throttle lever will

prevent fuel from being injected and disable the ignition during engine cranking.
4. Press the START/STOP button to crank the engine a few turns. This will distribute the oil on the cylinder walls.
5. Apply anti-seize lubricant on spark plug threads, then reinstall them in the engine. Refer to *Maintenance Procedures* section.
6. Install the ignition coils. Refer to *Maintenance Procedures* section.

Testing the Engine Coolant Density

If antifreeze is not replaced, test its density.

The antifreeze replacement and a density test should be performed by an authorized Sea-Doo dealer, repair shop or person of your own choosing. Refer to *Maintenance Schedule*.

NOTICE

Improper antifreeze density may result in freezing of the liquid in the cooling system if the watercraft is stored in an area where the freezing point is attained. This would seriously damage the engine.

Electrical System

Battery

Battery Maintenance

When storing the watercraft, the battery should always be stored in a warm, dry place.

⚠ WARNING

Never charge or boost the battery while installed in the watercraft.

This vehicle is equipped with a maintenance-free type battery, there is no need to add water to adjust electrolyte level.

NOTICE

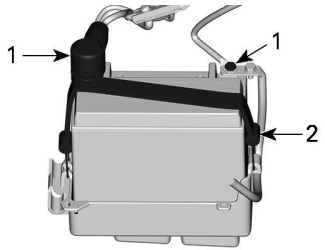
Never remove the battery strip from caps or add electrolyte for the life of the battery.

Removing the Battery

1. Remove the seat.
2. Disconnect the battery cables.

NOTICE

Always disconnect the BLACK (-) cable first, then the RED (+) cable.



1. *Battery post*
2. *Strap*
3. Remove the retaining strap.

Charging the Battery

Use any automotive type battery charger. Always refer to the battery charger manufacturer's instructions.

Cleaning the Battery

Clean battery casing and battery posts using a soft brush and a solution of baking soda and water.

Remove corrosion from battery cable terminals and battery posts using a firm wire brush.

Rinse with clear water then dry well.

Installing the Battery

1. Connect the battery cables.

NOTE: Remove any water or debris if present in the compartment before installing the battery.

NOTICE
Reversed battery polarity will damage the voltage regulator.

NOTICE
Always connect the RED (+) cable first, then the BLACK (-) cable.

2. Tighten the battery cable screws to specification.

Tightening Torque	
Battery cable screw	4 ± 0.5 Nm (35 ± 4 lbf-in)

3. Apply dielectric grease on battery posts.
4. Cover positive battery post with rubber boot.
5. Verify cable routing and attachments.

Engine Compartment

Cleaning the Engine Compartment

1. Clean the bilge with hot water and detergent or with bilge cleaner.
2. Rinse thoroughly.
3. Lift front end of watercraft to completely drain bilge through the bilge drain plugs.

Anticorrosion Treatment

1. Wipe off any residual water in the engine compartment.
2. Lubricate all metallic components in engine compartment.

Service Product
Lubricant and anti-corrosive or equivalent

NOTE:
The seat should be removed during storage. This will prevent engine compartment condensation and possible corrosion.

Body and Hull

Repair, clean and protect the watercraft as per procedures in *Watercraft Care* section.

Preseason Preparation

The preseason preparation must be performed in conjunction with the *Maintenance Schedule*.

Ensure to perform all tasks included in the **Every Year or 100 Hours** table.

Preseason preparation maintenance may be performed by an authorized Sea-Doo dealer, repair shop or person of your own choosing.

MAINTENANCE RECORDS

Send photocopy of maintenance record to BRP if needed.

Pre-delivery	
Serial number:	Signature/Print:
Mileage / km:	
Hours:	
Date:	
Dealer no:	
Notes:	
Refer to vehicle Pre-Delivery Bulletin for detailed installation procedures	

First inspection	
Mileage / km:	Signature/Print:
Hours:	
Date:	
Dealer no:	
Notes:	
For maintenance schedule refer to Maintenance Information section of this operator's guide	

Service	
Mileage / km:	Signature/Print:
Hours:	
Date:	
Dealer no:	
Notes:	
For maintenance schedule refer to Maintenance Information section of this operator's guide	

Service	
Mileage / km:	Signature/Print:
Hours:	
Date:	
Dealer no:	
Notes:	
For maintenance schedule refer to Maintenance Information section of this operator's guide	

Service	
Mileage / km:	Signature/Print:
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Dealer no:	
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For maintenance schedule refer to Maintenance Information section of this operator's guide	

Service	
Mileage / km:	Signature/Print:
Hours:	
Date:	
Dealer no:	
Notes:	
For maintenance schedule refer to Maintenance Information section of this operator's guide	

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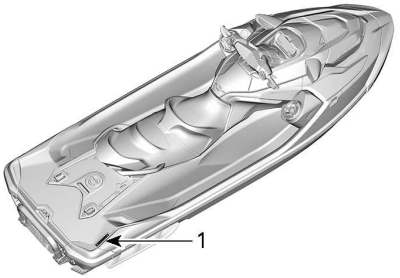
TECHNICAL INFORMATION

IDENTIFICATION NUMBERS

The main components of the watercraft (engine and hull) are identified by different serial numbers. It may sometimes become necessary to locate these numbers for warranty purposes or to trace the watercraft in the event of theft.

Hull Identification Number

The Hull Identification Number (HIN) is located on footboard at the rear of watercraft.



TYPICAL

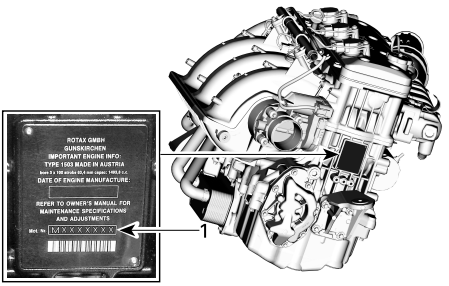
1. Hull Identification Number (HIN)

It is composed of 12 digits:

YDV	12345	L	8	09
				Model year
				Year of production
				Month of production
				Serial number (a letter may also be used as a digit)
Manufacturer				

Engine Identification Number

The Engine Identification Number (EIN) is located on the front end of the engine.

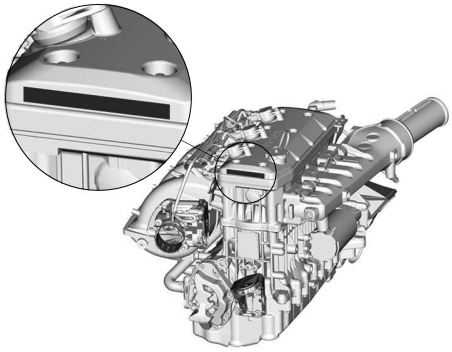


TYPICAL

1. Engine Identification Number (EIN)

Engine Manufacturer Identification

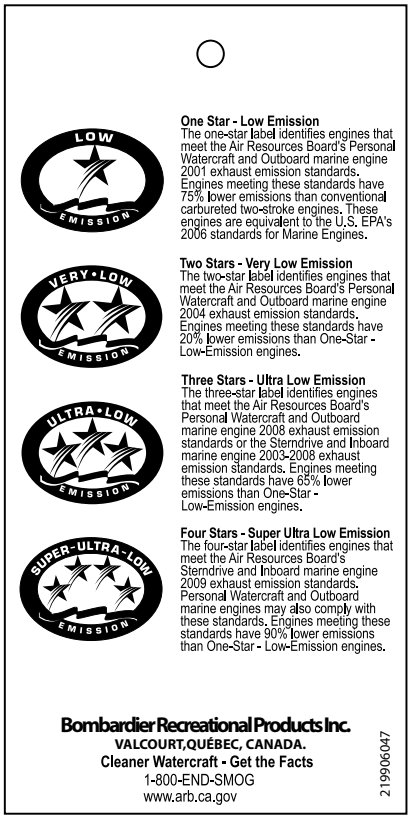
ENGINE MANUFACTURER IDENTIFICATION LABEL

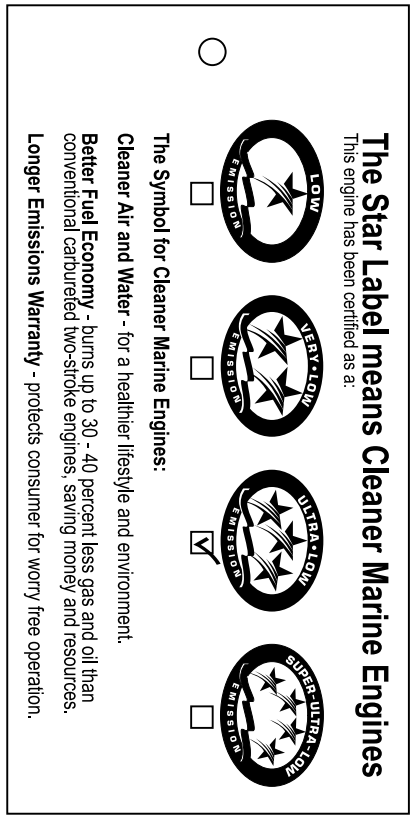


LABEL LOCATION

COMPLIANCE

Emission Control Hang Tag – 3 Stars





EMISSION CONTROL HANG TAG - 3 STARS

Emission Control Label – 3 Stars

EMISSION CONTROL LABEL - 3 STARS

TYPICAL – LABEL LOCATION

EPA Compliance Label

EMISSION CONTROL SYSTEM INFORMATION
BOMBARDIER RECREATIONAL PRODUCTS INC.
THIS ENGINE CONFORMS TO U.S. EPA & CALIFORNIA EMISSIONS REGULATIONS FOR MARINE SI ENGINES.
RENSEIGNEMENT SUR LE DISPOSITIF ANTIPOLLUTION
CE MOTEUR EST CONFORME AUX NORMES DE L'EPA DES É.-U. POUR LES MOTEURS MARINS À ALLUMAGE COMMANDÉ.

EC 121

	ENGINE FAMILY / FAMILLE DE MOTEUR
(EPA FEL) (CA FEL)	CERTIFICATION STANDARDS NORMES DE CERTIFICATION
	EMISSION CONTROL SYSTEM SYSTÈME DE CONTRÔLE DES ÉMISSIONS

MEETS CALIFORNIA EVAP EMISSIONS REGULATIONS FOR SPARK IGNITION MARINE WATERCRAFT. EVAP FAMILY
EVAPORATIVE EMISSION CONTROL SYSTEM: SO
SEE OPERATOR'S GUIDE FOR MAINTENANCE SCHEDULE AND FUEL, OIL AND SPARK PLUG SPECIFICATIONS. VOIR LE CALENDRIER D'ENTRETIEN ET LES SPÉCIFICATIONS D'ESSENCE, D'HUILE ET DE BOUGIE D'ALLUMAGE DANS LE GUIDE DE L'OPÉRATEUR.
219905703

EPA COMPLIANCE LABEL

TYPICAL – LABEL LOCATION

Regulation Exemption Label

THIS BOAT IS MANUFACTURED BY
BOMBARDIER RECREATIONAL PRODUCTS INC. PER 46 U.S.C. 4305 AND U.S. COAST GUARD GRANT OF EXEMPTION (CGB 88-001),THE COAST GUARD EXEMPTS THIS VESSEL FROM ONE OR MORE SAFETY REGULATIONS. CGB 88-001 STATES THAT CERTAIN REGULATIONS ARE INAPPLICABLE IN LIGHT OF THIS VESSEL'S CHARACTERISTICS AND THAT THE EXEMPTION WILL NOT HAVE AN ADVERSE EFFECT ON RECREATIONAL BOATING SAFETY. THIS BOAT COMPLIES WITH U.S. COAST GUARD SAFETY STANDARDS IN EFFECT ON THE DATE OF CERTIFICATION. ALL PERSONS SHOULD WEAR A LIFEJACKET (PERSONAL FLOTATION DEVICE) WHILE OPERATING OR RIDING ON THIS WATERCRAFT.
ASSEMBLED IN MEXICO
5497

REGULATION EXEMPTION LABEL

TYPICAL – LABEL LOCATION

BRP European Distribution SA

BRP is a member of the Association for Eco-Responsible Pleasure Craft, dedicated to the dismantling and recycling of pleasure boats and personal watercraft at the end of their life. The Unique Producer Identifier of BRP European Distribution SA is: FR219503_18XCIB

RF D.E.S.S. KEY

This device complies with FCC Part 15 and Industry Canada license exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC Registration Number: 12006A-1001317030

FCC ID: 2ACER-1001317030

We, the party responsible for compliance, declare under our sole responsibility that the device is in conformity with the provisions of the following Council Directive: 2014/53/EU. To which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, harmonized standards and regulations:

Radio Equipment Directive (RED) 2014/53/EU and Harmonized Standards:

EN 300 330-2, EN 60950-1

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS (s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage;

(2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radio Equipment Directive (RED)	2014/53/EU
Article 3.1a	Safety and health IEC 62368-1:2014
Article 3.1b	EMC CISPR 25:(2016); conducted emission CISPR 25:(2016); radiated emission ISO 11452-2 (2004); radiated electromagnetic field immunity
Article 3.2	Spectrum usage efficiency ETSI EN 300 330 V2.1.1 (2017-2)

BRP AUDIO SYSTEM

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, this is no guaranty that interference will occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off or on, you are encouraged to try to correct the interference by one or more of the following measure:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a different circuit than the one to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by Mitek Corporation could void the user's authority to operate this equipment. This device complies with Part 15 of the FCC rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

IC Registration Number: 22793-278003465

FCC ID: 2AAOY - 278003465

L'émetteur/ récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage;

(2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radio Equipment Directive (RED) 2014/53/EU and Harmonized Standards:

- ETSI EN 300 328 V2.1.1 (2016-11)
- ETSI EN301 489-1 V2.1.1 (2017-02)
- ETSI EN301 489-17 V3.1.1 (2017-02)
- EN 62479:2010

ENGINE EMISSIONS INFORMATION

Manufacturer's Responsibility

Manufacturers of marine engines must determine the exhaust emission levels for each engine horsepower family and certify these engines with the United States of America Environmental Protection Agency (EPA). An emissions control information label, showing emission levels and engine specifications, must be placed on each Spark-Ignition Propulsion Marine Engines (SIPME) at the time of manufacture.

Dealer's Responsibility

When performing service on a Sea--Doo SIPME that carry an emissions control information label, adjustments must be kept within published factory specifications.

Replacement or repair of any emission related component must be executed in a manner that maintains emission levels within the prescribed certification standards.

Dealers are not to modify the engine in any manner that would alter the horsepower or allow emission levels to exceed their predetermined factory specifications.

Exceptions include manufacturer's prescribed changes, such as altitude adjustments for example.

Owner’s Responsibility

The owner/operator is required to have engine maintenance performed to maintain emission levels within prescribed certification standards.

The owner/operator is not to, and should not allow anyone to modify the engine in any manner that would alter the horsepower or allow emissions levels to exceed their predetermined factory specifications.

EPA Emission Regulations

Sea-Doo SIPME manufactured by BRP are certified to the EPA as conforming to the requirements of the regulations for the control of air pollution from new SIPME. This certification is contingent on certain adjustments being set to factory standards. For this reason, the factory procedure for servicing the product must be strictly followed and, whenever practicable, returned to the original intent of the design.

The responsibilities listed above are general and in no way a complete listing of the rules and regulations pertaining to the EPA requirements on exhaust emissions for marine products. For more detailed information on this subject, you may contact:

U. S. Environmental Protection Agency
Certification Division
Gasoline Engine Compliance Center
2000 Traverwood Drive
Ann Arbor MI 48105
USA

EPA INTERNET WEB SITE:
www.epa.gov/otaq

Evaporative Emission Control System

Spark-Ignition Marine Watercraft (SIMW) sold in the State of California are certified to the California evaporative emissions regulations for SIMW of the California Air Resources Board (13 CCR 2850 to 2869). These models are equipped with an evaporative emission control system consisting of Low Permeation Fuel Tank (LPFT), Low Permeation Fuel Line (LPFL) and a Pressure Relief Valve (PRV).

EU DECLARATION OF CONFORMITY

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UK DECLARATION OF CONFORMITY

Left blank for UK Conformity

EAC DECLARATION OF CONFORMITY

Left blank for Eurasian Conformity mark where applicable

TECHNICAL SPECIFICATIONS

ENGINE

Rotax 1630 ACE - 130

ENGINE	Rotax 1630 ACE - 130
Engine type	4-stroke, Single Over Head Camshaft (SOHC)
Declared Power(1)	100 kW @ 6000 RPM
Induction	Naturally-Aspirated
Number of cylinders	3
Number of valves	12 valves with hydraulic lifters (no adjustment)
Bore	100 mm (3.9 in)
Stroke	69.2 mm (2.7 in)
Displacement	1 630.5 cm³ (99.5 in³)
Compression ratio	11:1

FUEL SYSTEM	
Fuel injection type	Multipoint fuel injection with iTC (intelligent Throttle Control). Single throttle body (60 mm) with an actuator
Idle speed (not adjustable)	1800 ± 50 RPM

ELECTRICAL SYSTEM		
Ignition system type		IDI (Inductive Discharge Ignition)
Spark plug(2)	Type	NGK, DCPR8E with solid post or equivalent
	Gap	0.80 to 0.90 mm (.031 to .035 in)

LUBRICATION			
Engine oil(3)	Recommended XPS oil	General purpose	5W40 Synthetic blend oil
		Warm temperature	10W50 Synthetic oil

LUBRICATION			
	Alternate oil if XPS products are not available		Use a **4-stroke SAE motorcycle engine oil compatible with wet clutches** meeting or exceeding the following lubricant industry specifications. Always check the API service label certification on the oil container, it must contain at least one of the indicated standards. **API service classification SN or JASO-MA2**
	Capacity	Oil change with filter	3 l (3.2 qt (liq.,US))
		Total	5 l (5.3 qt (liq.,US))

(1) Declared power as per ISO 8665 at propeller-shaft.

(2) NOTICE Do not attempt to adjust gap on this spark plug.

(3) Refer to *Engine Oil* for detailed information.

Rotax 1630 ACE - 170

Engine	
Engine type	4-stroke, Single Over Head Camshaft (SOHC)
Declared Power (Declared power as per ISO 8665 at propeller-shaft.)	125 kW @ 8000 RPM
Induction	Naturally-Aspirated
Number of cylinders	3
Number of valves	12 valves with hydraulic lifters (no adjustment)
Bore	100 mm (3.9 in)

Engine	
Stroke	69.2 mm (2.7 in)
Displacement	1 630.5 cm³ (99.5 in³)
Compression ratio	11:1

Fuel System	
Fuel injection type	Multipoint fuel injection with iTC (intelligent Throttle Control). Single throttle body (60 mm) with an actuator
Idle speed (not adjustable)	1800 ± 50 RPM

Electrical System		
Ignition system type		IDI (Inductive Discharge Ignition)
Spark plug (Do not attempt to adjust gap on this spark plug.)	Type	NGK, DCPR8E with solid post or equivalent
	Gap	0.80 to 0.90 mm (.031 to .035 in)

Lubrication			
Engine oil	Recommended XPS oil	General purpose	5W40 Synthetic blend oil
		Warm temperature	10W50 Synthetic oil
	Alternate oil if XPS products are not available		Use a **4-stroke SAE synthetic engine oil** meeting or exceeding the following lubricant industry specifications. Always check the API service label certification on the oil container, it must contain at least one of the indicated standards.

Lubrication			
			API service classification SN or JASO-MA2
	Capacity	Oil change with filter	3 l (3.2 qt (liq.,US))
		Total	5 l (5.3 qt (liq.,US))

Rotax 1630 ACE - 230

Engine	
Engine type	4-stroke, Single Over Head Camshaft (SOHC)
Declared Power (Declared power as per ISO 8665 at propeller-shaft.)	169.16 kW @ 8000 RPM
Induction	Supercharged and intercooled
Number of cylinders	3
Number of valves	12 valves with hydraulic lifters (no adjustment)
Bore	100 mm (3.9 in)
Stroke	69.2 mm (2.7 in)
Displacement	1 630.5 cm^3 (99.5 in^3)
Compression ratio	8.3:1

Fuel System	
Fuel injection type	Multipoint fuel injection with iTC (intelligent Throttle Control). Single throttle body (60 mm) with an actuator
Idle speed (not adjustable)	1750 ± 50 RPM

Electrical System		
Ignition system type		IDI (Inductive Discharge Ignition)
Spark plug (Do not attempt to adjust gap on this spark plug.)	Type	NGK, DCPR8E with solid post or equivalent
	Gap	0.80 to 0.90 mm (.031 to .035 in)

Lubrication			
Engine oil	Recommended XPS oil	General purpose	5W40 Synthetic blend oil
		Warm temperature	10W50 Synthetic oil
	Alternate oil if XPS products are not available		Use a **4-stroke SAE motorcycle engine oil compatible with wet clutches** meeting or exceeding the following lubricant industry specifications. Always check the API service label certification on the oil container, it must contain at least one of the indicated standards. **API service classification SN or JASO-MA2**
	Capacity	Oil change with filter	3 l (3.2 qt (liq.,US))
		Total	5 l (5.3 qt (liq.,US))

Rotax 1630 ACE - 300

Engine	Rotax 1630 ACE - 300
Engine type	4-stroke, Single Over Head Camshaft (SOHC)
Declared Power(1)	217 kW @ 8000 RPM
Induction	Supercharged and intercooled

Engine	Rotax 1630 ACE - 300
Number of cylinders	3
Number of valves	12 valves with hydraulic lifters (no adjustment)
Bore	100 mm (3.9 in)
Stroke	69.2 mm (2.7 in)
Displacement	1 630.5 cm³ (99.5 in³)
Compression ratio	8.45:1

FUEL SYSTEM	
Fuel injection type	Multipoint fuel injection with iTC (intelligent Throttle Control). Single throttle body (60 mm) with an actuator
Idle speed (not adjustable)	1750 ± 50 RPM

ELECTRICAL SYSTEM		
Ignition system type		IDI (Inductive Discharge Ignition)
Spark plug(2)	Type	NGK, KR9C-G with solid post or equivalent
	Gap	0.80 to 0.90 mm (.031 to .035 in)

LUBRICATION			
Engine oil(3)	Recommended XPS oil	General purpose	5W40 Synthetic blend oil
		Warm temperature	10W50 Synthetic oil
	Alternate oil if XPS products are not available		Use a **4-stroke SAE motorcycle engine oil compatible with wet clutches** meeting or exceeding the following lubricant industry specifications.

LUBRICATION			
			Always check the API service label certification on the oil container, it must contain at least one of the indicated standards. **API service classification SN or JASO-MA2**
	Capacity	Oil change with filter	3 l (3.2 qt (liq.,US))
		Total	5 l (5.3 qt (liq.,US))

(1) Declared power as per ISO 8665 at propeller-shaft.

(2) NOTICE Do not attempt to adjust gap on this spark plug.

(3) Refer to *Engine Oil* for detailed information.

VEHICLE

GTI, GTR and Wake 170

Cooling System		
Type		Closed-loop cooling system (CLCS)
Coolant	Recommended	XPS Extended life pre-mixed coolant
	Alternative, or if not available	Use a low silicate, extended life ethylene-glycol premixed coolant (50%-50%) specifically formulated for internal combustion aluminum engines.
	Capacity	5.4 l (5.7 qt(liq.,US))

Fuel System		
Fuel pump		In-tank electrical
Fuel	Type	Regular unleaded Refer to *Fuel Requirements*
	Octane rating	87 Pump Posted AKI (RON+MON)/2 or 91 (RON) E10
Tank capacity	Full	70 l (18.5 gal(liq. US))
	Reserve (from low level signal - approx.)	14 l (3.7 gal(liq. US))

Electrical System			
Batter			12 V, 18 Ah
Total system output			420 W @ 6000 RPM
Fuses	F2	Fuel Inj., Ign. Coils and Fuel Pump	15 A
	F3	Bilge pump (if equipped)	3 A
	F6	Charge	30 A

	F7	Cluster	5 A
	F9	iBR	30 A
	F10	Start/ Stop	5 A
	F11	ECM	5 A
	F12	Battery	30 A
	F13	Diagnostic Connector (6), Accessory connector (2)	15 A
	F14	Diagnostic Connector (5), Accessory connector (1)	15 A
Relay	RY1	Main	—

Propulsion		
Propulsion system		Sea-Doo® jet pump
Jet pump	Type	Axial flow, single stage. Large hub with double row ball bearings
	Material	Aluminum
Impeller		Stainless steel
Transmission	Type	Direct drive

Weight and Loading Capacity		
Dry weight	GTI Series	336 kg (741 lb)
	GTR 230	352 kg (776 lb)
	GTR 230 (With sound system)	361 kg (796 lb)
	Wake 170	349 kg (769 lb)
	Wake 170 (With sound system)	358 kg (789 lb)

Weight and Loading Capacity		
	GTR-X 300	360 kg (794 lb)
	GTR-X 300 (With sound system)	369 kg (813 lb)
Number of passenger (driver incl.)		3
Load limit (passenger(s) and luggage, including accessories)		272 kg (600 lb)
Storage capacity	GTI Series Wake 170	152.8 l (40.3 gal(liq.,US))
	GTR 230, GTR-X 300	160.8 l (42.5 gal(liq.,US))

Dimensions	
Overall length	331.8 cm (130.6 in)
Overall width	125 cm (49.2 in)
Overall height	113.7 cm (44.8 in)
Overall height (GTR-X 300 Only)	110 cm (43.4 in)

NOTE:
BRP reserves the right to make changes in design and specifications and/or to make additions to, or improvements in its products without imposing any obligation upon itself to install them on its products previously manufactured.

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TROUBLESHOOTING

TROUBLESHOOTING GUIDELINES

ENGINE WILL NOT START

1. **Master switch opened.**
   – *Close the master switch.*
2. **Tether cord removed.**
   – *Press START/STOP button.*
   – *Install tether cord cap over engine cut-off switch within 5 seconds after depressing the START/STOP button.*
   – *Press START/STOP button.*
3. **ECM does not recognize the D.E.S.S. key.**
   – *Refer to an authorized Sea-Doo dealer.*
4. **Burnt fuse: main, electric starter or ECM.**
   – *Check wiring then replace fuse(s).*
5. **Discharged battery.**
   – *Refer to an authorized Sea-Doo dealer.*

⚠ WARNING

Do not charge or boost the battery while installed on the watercraft. Electrolyte is poisonous and dangerous. Avoid contact with eyes, skin and clothing.

6. **Battery connections, corroded or loose. Bad ground.**
   – *Refer to an authorized Sea-Doo dealer.*
7. **Water-flooded engine.**
   – *Refer to Water-Flooded Engine in Special Procedures.*
8. **Faulty sensor or ECM.**
   – *Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*
9. **Seized jet pump.**
   – *Try to clean. Otherwise, refer to an authorized Sea-Doo dealer.*

ENGINE CRANKS SLOWLY

1. **Loose battery cable connections.**
   – *Check/clean/tighten.*
2. **Discharged or weak battery.**
   – *Refer to an authorized Sea-Doo dealer.*
3. **Worn starter.**
   – *Refer to an authorized Sea-Doo dealer.*

ENGINE TURNS NORMALLY BUT WILL NOT START

1. **Fuel tank empty or water-contaminated.**
   – *Refill. Siphon and fill with fresh fuel.*
2. **Fouled/defective spark plugs.**
   – *Replace.*
3. **Blown fuse.**
   – *Check wiring then replace fuse(s).*
4. **Water-flooded engine.**
   – *Refer to Water-Flooded Engine in Special Procedures.*
5. **Engine management system fault detected (check engine pilot lamp is ON).**
   – *Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*
6. **Faulty fuel pump.**
   – *Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*

ENGINE MISFIRES, RUNS IRREGULARLY

1. **Fouled/defective/worn spark plugs.**
   – *Replace.*
2. **Fuel: Level too low, stale or water-contaminated.**
   – *Siphon and/or refill.*
3. **Faulty ignition coil(s).**
   – *Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*
4. **Clogged injectors.**
   – *Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*
5. **Engine management system fault detected (check engine pilot lamp is ON).**
   – *Refer to Monitoring System.*

ENGINE SMOKE

1. **Oil level too high.**
   – *Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*
2. **Water ingestion, coolant leak or damaged cylinder head gasket.**
   – *Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*
3. **Internal engine damage.**
   – *Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*

ENGINE OVERHEATS

1. **Clogged exhaust system.**
   – *Flush exhaust system.*
2. **Engine coolant level too low.**
   – *Refer to Maintenance Procedures.*
3. **Quick connect adapter left in flushing connector.**
   – *Remove adapter from flushing connector and retry watercraft. If problem persists, seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*

ENGINE LACKS ACCELERATION OR POWER

1. **Learning key used.**
   - *Use a Normal key.*
2. **Not in Sport mode.**
   - *Select Sport mode.*
3. **Jet pump water intake clogged.**
   - *Clean. Refer to Jet Pump Water Intake and Impeller Cleaning in Special Procedures section.*
4. **Damaged impeller or worn-out wear ring.**
   - *Replace. Refer to an authorized Sea-Doo dealer.*
5. **Engine oil level too high.**
   - *Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*
6. **Weak spark.**
   - *Refer to ENGINE MISFIRES, RUNS IRREGULARLY.*
7. **Engine management system fault detected (check engine pilot lamp is ON).**
   - *Refer to Monitoring System.*
8. **Clogged injectors.**
   - *Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*
9. **Low fuel pressure.**
   - *Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the US EPA Emission-Related Warranty contained herein for information about warranty claims.*
10. **Water in fuel.**
    - *Siphon and replace.*
11. **Engine damaged by water ingestion.**
    - *Refer to an authorized Sea-Doo dealer.*

WATERCRAFT CAN NOT REACH TOP SPEED

1. **Jet pump water intake clogged.**
   – *Clean. Refer to Jet Pump Water Intake and Impeller Cleaning in Special Procedures section.*
2. **Damaged impeller or worn-out wear ring.**
   – *Replace. Refer to an authorized Sea-Doo dealer.*
3. **Engine management system fault detected (check engine pilot lamp is ON).**
   – *Refer to Monitoring System.*

WATERCRAFT STAYS IN NEUTRAL AFTER OPERATING THE iBR LEVER

1. **The iBR gate stays in neutral.**
   – *Release the throttle to idle RPM.*

iBR WILL NOT RETURN TO NEUTRAL POSITION (iBR INDICATOR LIGHT ON)

1. **iBR jammed with debris.**
   – *Clean and check for damage in the iBR gate and nozzle area.*
2. **iBR system malfunction.**
   – *Remove tether cord, wait four minutes, reinstall key and check iBR light to ensure fault is cleared.*
   – *Refer to an authorized Sea-Doo dealer if fault persists or reoccurs frequently.*

iBR WILL NOT RETURN TO NEUTRAL POSITION (IBR INDICATOR LIGHT OFF)

1. **Throttle lever not fully released during operation.**
   – *Release throttle lever fully to ensure iBR gate returns to neutral.*
2. **Throttle lever does not fully return to null when released.**
   – *Refer to an authorized Sea-Doo dealer.*

ABNORMAL NOISE FROM PROPULSION SYSTEM

1. **Weeds or debris jammed around impeller.**
   - *Clean. Refer to Jet Pump Water Intake and Impeller Cleaning in Special Procedures section.*
   - *Check for damage.*
2. **Damaged impeller shaft or drive shaft.**
   - *Refer to an authorized Sea-Doo dealer.*
3. **Water intrusion in jet pump causing bearing seizure.**
   - *Refer to an authorized Sea-Doo dealer.*

WATER FOUND IN BILGE

1. **Bilge pump system malfunction.**
   - *Have system inspected by an authorized Sea-Doo dealer.*
2. **Exhaust system leak.**
   - *Refer to an authorized Sea-Doo dealer.*
3. **Carbon ring at drive shaft worn.**
   - *Refer to an authorized Sea-Doo dealer.*
4. **Hull and/or Deck seal displaced or fasteners loose.**
   - *Refer to an authorized Sea-Doo dealer.*

MONITORING SYSTEM

A system monitors the electronic components of the EMS (engine management system) iBR, and other components of the electrical system. When a fault occurs, it sends visual messages through the information center and/or audible signals through a beeper to inform you of a particular condition.

A fault code may also be recorded.

When a minor or transient fault occurs, the fault message and beeper will cease automatically if the condition that caused the fault does not exist anymore.

Releasing the throttle and letting the engine return to idle speed may allow normal operation to come back. If this does not work, try removing and reinstalling the tether cord on the engine cut-off switch.

The electronic system will react differently depending on the fault type. In severe failure, the engine may not be allowed to be started. In other cases, the engine will operate in limp home mode (reduced speed).

When a fault occurs, please refer to the *US EPA Emission-Related Warranty* contained herein for information about warranty claims.

Fault Codes

When a fault occurs, a numerical fault code may be recorded depending on the fault type and system.

These fault codes are used by authorized Sea-Doo dealers for troubleshooting the watercraft systems when comparing them to a fault list.

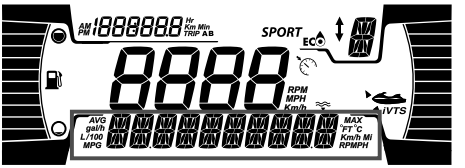
Fault codes can be viewed in the information center multifunction display however, this function is only available if a fault is still active.

If there is an active fault code, it may be viewed by the operator on the multifunction display. The operator may then choose to call his authorized Sea-Doo dealer to pass on the fault code. The dealer will then advise the operator on the steps to take to solve the problem, or to stop using the watercraft and to bring it in to the dealer for repairs.

Displaying Fault Codes

Select **CODES**. If a fault code has occurred during your riding cycle, a CODES menu will be available in the settings menu. Press OK to see the list of faults.

NOTE:
During normal riding conditions some fault codes may occur. Before contacting your local dealer, remove the key, make sure to wait 2 minutes until the electrical system shut down, then press start to wake up the electrical system. This will ensure occurred fault to disappear and only the active codes will remain ON in the CODES menu.



Indicator Lights and Message Display Information

The indicator lights (pilot lamps) and messages displayed in the information center will inform you of a particular condition or if an anomaly occurs.

For information on usual indicator lights, refer to appropriate digital display.

Indicator Light / Icon (ON)	Message Display	Description
	LOW or HIGH BATTERY VOLTAGE	Low/high battery voltage
	HIGH TEMPERATURE	Engine or exhaust system overheating
	CHECK ENGINE or LIMP HOME MODE	Check engine (minor fault req. maint.) or LIMP HOME MODE (major eng. fault)
	LOW OIL PRESSURE	Low oil pressure
	IBR MODULE ERROR	Light is steady with a buzzer and a check engine light: iBR system fault (refer to an authorized Sea-Doo dealer)
	–	Light is flashing: iBR system fault (refer to an authorized Sea-Doo dealer)
	–	Light is steady with no buzzer: iBR system still functional but needs to be inspected by an authorized Sea-Doo dealer

Message Display	Description
HIGH EXHAUST TEMPERATURE	High exhaust temperature detected
HIGH ENGINE TEMPERATURE	High engine temperature detected
CHECK ENGINE	Engine system malfunction and/or requiring maintenance
LIMP HOME MODE	Major fault detected, engine power limited
FUEL SENSOR FAULT	Fuel level sensor fault
WATER TEMP SENSOR DEFECTIVE	Problem with water temperature sensor, not sending water temperature info.

Message Display	Description
IBR MODULE ERROR	iBR system malfunction
MAINTENANCE REQUIRED	Watercraft maintenance required

NOTICE
Running engine with low oil pressure may severely damage the engine.

Beeper Code Information

Beeper Codes	Description
1 long beep (while installing tether cord on watercraft engine cut-off switch)	**Bad** D.E.S.S. **system connection.** Reinstall tether cord cap correctly on the engine cut-off switch.
	Wrong D.E.S.S. **key.** Use a tether cord that has been programmed for the watercraft.
	Defective D.E.S.S. **key.** Use another tether cord with programmed D.E.S.S. key.
	Defective engine cut-off switch. Refer to an authorized Sea-Doo dealer.
	Improper operation of ECM or defective wiring harness. Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the *US EPA Emission-Related Warranty* contained herein for information about warranty claims.
A 2 seconds beep every 15 minutes interval	**Engine management system fault.** Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the *US EPA Emission-Related Warranty* contained herein for information about warranty claims.
	iBR system fault. Refer to an authorized Sea-Doo dealer.
A 2 seconds beep every 10 minutes interval	**Low fuel level.** Refill fuel tank. If problem persists, refer to an authorized Sea-Doo dealer.

Beeper Codes	Description
2 second beeps	**High engine temperature coolant.** See *Engine Overheating*.
	Low oil pressure. Turn off engine as soon as possible. Check oil level and refill. Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the *US EPA Emission-Related Warranty* contained herein for information about warranty claims.
Constant beep (Stops when vehicle is turned OFF)	**High exhaust temperature.** Seek service from an authorized Sea-Doo dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement. Please refer to the *US EPA Emission-Related Warranty* contained herein for information about warranty claims.

NOTICE
If the monitoring beeper continuously sounds, stop engine as soon as possible.

WARRANTY

BRP LIMITED WARRANTY – USA AND CANADA: 2024 SEA-DOO PERSONAL WATERCRAFT

1) SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Products Inc. ("BRP") warrants its 2024 Sea-Doo watercraft (“Product(s)”) sold by authorized BRP Dealers (as hereinafter defined) in the United States of America ("USA") and in Canada from defects in material or workmanship for the period and under the conditions described below.

This limited warranty will become null and void if:

1. the Product was used for racing or any other competitive activity, at any point, even by a previous owner; or
2. the Product has been altered or modified in such a way so as to adversely affect its operation, performance or durability, or has been altered or modified to change its intended use.

Non-factory installed parts and accessories are not covered under this limited warranty. Please refer to the applicable parts and accessories limited warranty text.

2) LIMITATIONS OF LIABILITY

TO THE EXTEND PERMITTED BY LAW, THIS WARRANTY IS EXPRESSLY GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTY. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY. SOME STATES/PROVINCES DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS AND EXCLUSIONS IDENTIFIED ABOVE. AS A RESULT, THEY MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH MAY VARY FROM STATE TO STATE, OR PROVINCE TO PROVINCE.

Neither the distributor, any BRP dealer nor any other person has been authorized to make any affirmation, representation or warranty regarding the product, other than those contained in this limited warranty, and if made, shall not be enforceable against BRP.

BRP reserves the right to modify this limited warranty at any time, being understood that such modification will not alter the warranty conditions applicable to the Products sold while this warranty is in effect.

3) EXCLUSIONS–ARE NOT WARRANTED

The following are not warranted under any circumstances:

– Normal wear and tear;
– Routine maintenance items, tune ups, adjustments;
– Damage caused by negligence or failure to provide proper maintenance and/or storage, as described in the Operator's Guide;
– Damage resulting from removal of parts, improper repairs, service, maintenance, modifications or use of parts not manufactured or approved by BRP or

resulting from repairs done by a person that is not an authorized servicing BRP dealer;
– Damage caused by abuse, abnormal use, neglect or operation of the product in a manner inconsistent with the recommended operation described in the Product's Operator's Guide;
– Damage resulting from accident, submersion, fire, theft, vandalism or any act of God;
– Operation with fuels, oils or lubricants which are not suitable for use with the Product (see the Operator's Guide);
– Damages from rust, corrosion or exposure to the elements;
– Damage resulting from water or snow ingestion;
– Incidental or consequential damages, or damages of any kind including without limitation transportation expenses, towing, storage, telephone, rental, taxi, inconvenience, insurance coverage, loan payments, loss of time, loss of income or time missed for downtime experience due to service work;
– Damages from cooling system or jet pump blockage by foreign material; and
– Damages related to gel coat finish including but not limited to cosmetic gel coat finish, blisters or fiberglass delamination caused by blisters, crazing, spider or hairline cracks.

4) WARRANTY COVERAGE PERIOD

This limited warranty will be in effect from (1) the date of delivery to the first retail consumer, or (2) the date the product is first put into use, whichever occurs first and for the applicable period below:

1. TWELVE (12) consecutive months, for private use owners.
2. FOUR (4) consecutive months, for commercial use owners.

A Product is used commercially when it is used in connection with any work or employment that generates income during any part of the warranty period. A Product is also used commercially when, at any point during the warranty period, it is licensed for commercial use.

1. For emission-related components, please also refer to the US EPA Emission-Related Warranty.
2. For Sea-Doo personal watercrafts produced by BRP for sale in the State of California or New York that are originally sold to a resident or subsequently warranty registered to a resident in the State of California or New York, please also refer to the applicable California and New York Emissions Control Warranty Statement contained herein.
3. For Sea-Doo personal watercrafts produced by BRP for sale in the State of California that are originally sold to a resident or subsequently warranty registered to a resident in the State of California, please also refer to the California Evaporative Emissions Control System Warranty Statement contained herein.

The repair or replacement of parts or the performance of service under this warranty does not extend the life of this limited warranty beyond its original expiration date.

5) CONDITIONS TO HAVE WARRANTY COVERAGE

This warranty coverage is available **only** if **each** of the following conditions has been fulfilled:

1. The Product must be purchased as new and unused by its first owner from a Dealer authorized to sell the Products in the country in which the sale occurred (“Dealer”);
2. The BRP specified pre-delivery inspection process must be completed, documented and signed by the purchaser;
3. The Product must have undergone proper registration by an authorized Dealer;
4. The Product must be purchased in the country in which the purchaser resides;
5. Routine maintenance outlined in the Operator’s Guide must be timely performed in order to maintain warranty coverage. BRP reserves the right to make warranty coverage contingent upon proof of proper maintenance.

BRP will not honor this limited warranty to any private use owner or commercial use owner if one of the preceding conditions has not been met. Such limitations are necessary in order to allow BRP to preserve both the safety of its products, and also that of its consumers and the general public.

6) WHAT TO DO TO OBTAIN WARRANTY COVERAGE

The customer must cease using the Product upon the appearance of an anomaly, notify a servicing BRP dealer within three (3) days of the appearance of the anomaly and provide the Dealer with reasonable access to the Product and reasonable opportunity to repair it.

The customer must also present to the Dealer, proof of purchase of the Product and must sign the repair/work order prior to starting the repair in order to validate the warranty repair.

All parts replaced under this limited warranty become the property of BRP.

7) WHAT BRP WILL DO

BRP’s obligations under this warranty are limited to, at its sole discretion, repairing or replacing parts found defective under normal use, maintenance and service without charge for parts and labor, at any authorized BRP dealer during the warranty coverage period under the conditions described herein. No claim of breach of warranty shall be cause for cancellation or rescission of the sale of the Product to the owner.

In the event that service is required outside of the country of original sale, the owner will bear responsibility for any additional charges due to local practices and conditions, such as, but not limited to, freight, insurance, taxes, license fees, import duties, and any and all other financial charges, including those levied by governments, states, territories and their respective agencies.

BRP reserves the right to improve or modify products from time to time without assuming any obligation to modify products previously manufactured.

8) TRANSFER

If the ownership of a Product is transferred during the warranty coverage period, this limited warranty, subject to its terms and conditions, shall also be transferred and be valid for the remaining coverage period provided BRP or an authorized

Product Distributor/Dealer receives a proof that the former owner agreed to the transfer of ownership, in addition to the coordinates of the new owner.

9) CONSUMER ASSISTANCE

In the event of a controversy or a dispute in connection with this limited warranty, BRP suggests that you try to resolve the issue at the dealership level. We recommend discussing the issue with the authorized dealer's service manager or owner.

If the matter still remains unresolved, contact BRP by filling out the customer contact form at www.brp.com or contact BRP by mail at one of the addresses listed under the Contact Us section of this guide.

US EPA EMISSION-RELATED WARRANTY

Bombardier Recreational Products Inc. (“BRP”) warrants to the ultimate purchaser and each subsequent purchaser that this new engine, including all parts of its exhaust emission-control system and its evaporative emission-control system, meets two conditions:

1. It is designed, built, and equipped so it conforms at the time of sale to the ultimate purchaser with the requirements of 40 CFR 1045 and 40 CFR 1060It.
2. It is free from defects in materials and workmanship that may keep it from meeting the requirements of 40 CFR 1045 and 40 CFR 1060.

Where a warrantable condition exists, BRP will repair or replace, as it elects, any part or component with a defect in materials or workmanship that would increase the engine’s emissions of any regulated pollutant within the stated warranty period at no cost to the owner, including expenses related to diagnosing and repairing or replacing emission-related parts. All defective parts replaced under this warranty become the property of BRP.

For all emission-related warranty claims, BRP is limiting the diagnosis and repair of emission-related parts to the authorized Sea-Doo dealers, unless for emergency repairs as required by item 2 of the following list.

As a certifying manufacturer, BRP will not deny emission-related warranty claims based on any of the following:

1. Maintenance or other service BRP or BRP's authorized facilities performed.
2. Engine/equipment repair work that an operator performed to correct an unsafe, emergency condition attributable to BRP as long as the operator tries to restore the engine/equipment to its proper configuration as soon as possible.
3. Any action or inaction by the operator unrelated to the warranty claim.
4. Maintenance that was performed more frequently than BRP specify.
5. Anything that is BRP fault or responsibility
6. The use of any fuel that is commonly available where the equipment operates unless BRP written maintenance instructions state that this fuel would harm the equipment’s emission control system and operators can readily find the proper fuel. See maintenance information section and fuel requirements of fueling section.

Emission-Related Warranty Period

The emission-related warranty is valid for the following period whichever comes first:

	Hours	Months	Kilo meters
Exhaust emission-related components	175	30	N/A
Evaporative emission-related components	N/A	24	N/A

Components Covered

The emission-related warranty covers all components whose failure would increase an engine's emissions of any regulated pollutant, including the following listed components:

1. For exhaust emissions, emission-related components include any engine parts related to the following systems:
   – Air-induction system
   – Fuel system
   – Ignition system
   – Exhaust gas recirculation systems
2. The following parts are also considered emission-related components for exhaust emissions:
   – Aftertreatment devices
   – Crankcase ventilation valves
   – Sensors
   – Electronic control units
3. The following parts are considered emission-related components for evaporative emissions:
   – Fuel tank
   – Fuel cap
   – Fuel line
   – Fuel line fittings
   – Clamps*
   – Pressure relief valves*
   – Control valves*
   – Control solenoids*
   – Electronic controls*
   – Vacuum control diaphragms*
   – Control cables*
   – Control linkages*
   – Purge valves
   – Vapor hoses
   – Liquid/ vapor separator
   – Carbon canister
   – Canister mounting brackets
   – Carburetor purge port connector

NOTE:
* As related to the evaporative emission control system.

4. Emission-related components also include any other part whose only purpose is to reduce emissions or whose failure will increase emissions without significantly degrading engine/ equipment performance.

Limited Applicability

As a certifying manufacturer, BRP may deny emission-related warranty claims for failures that have been caused by the owner's or operator's improper maintenance or use, by accidents for which the manufacturer has no responsibility, or

by acts of God. For example, an emission-related warranty claim need not be honored for failures that have been directly caused by the operator's abuse of the engine/ equipment or the operator's use of the engine/equipment in a manner for which it was not designed and are not attributable to the manufacturer in anyway.

If you have any question regarding your warranty rights and responsibility or for the name and location of the nearest authorized BRP dealer, you should contact BRP by filling out the customer contact form at www.brp.com or contact BRP by mail at one of the addresses listed under the CONTACT US section of this guide, or call at 1-888-272-9222.

CALIFORNIA EVAPORATIVE EMISSIONS CONTROL SYSTEM WARRANTY STATEMENT

Your Warranty Rights and Obligations

The California Air Resources Board is pleased to explain the evaporative emissions control system's warranty on your 2024 spark-ignition marine watercraft (SIMW). In California, new spark-ignition marine watercraft must be designed, built, and equipped to meet the State's stringent anti-smog standards. Bombardier Recreational Products Inc. must warrant the evaporative emissions control system on your spark-ignition marine watercraft for the period listed below, provided there has been no abuse, neglect or improper maintenance of your spark-ignition marine watercraft.

Your evaporative emissions control system may include parts such as: canisters, carburetors, clamps, connectors, filters, fuel caps, fuel lines, fuel tanks, valves, vapor hoses, and other associated evaporative emissions control system components

Manufacturer's Warranty Coverage

This evaporative emissions control system is warranted for two years. If any evaporative emission-related part on your spark-ignition marine watercraft is defective, the part will be repaired or replaced by Bombardier Recreational Products Inc.

Parts covered:

1. Clamp(s)*
2. Fuel Cap
3. Fuel Line(s)
4. Fuel Line Fitting(s)
5. Fuel Tank
6. Pressure Relief Valve(s)*
7. Vapor Hose(s)
8. All other parts not listed that may affect the evaporative emissions control system

NOTE:
* As related to the evaporative emission control system.

Owner's Warranty Responsibilities

As the spark-ignition marine watercraft owner, you are responsible for performance of the required maintenance listed in your owner's manual. Bombardier Recreational Products Inc. recommends that you retain all receipts covering maintenance on your spark-ignition marine watercraft, but Bombardier Recreational Products Inc. cannot deny warranty solely for the lack of receipts.

As the spark-ignition marine watercraft owner, you should however be aware that Bombardier Recreational Products Inc. may deny you warranty coverage if your spark-ignition marine watercraft or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

You are responsible for presenting your spark-ignition marine watercraft to a Bombardier Recreational Products Inc. distribution center or service center as

soon as the problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 calendar days. If you have question regarding your warranty coverage, you should contact Bombardier Recreational Products Inc. at 1-888-272-9222.

CALIFORNIA AND NEW YORK EMISSION CONTROL WARRANTY STATEMENT FOR MODEL YEAR 2024 SEA-DOO® PERSONAL WATERCRAFT

Your Warranty Rights and Obligations

The California Air Resources Board, the New York State Department of Environmental Conservation and Bombardier Recreational Products Inc. ("BRP") are pleased to explain the emission control system warranty on your Model Year 2024 Sea-Doo personal watercraft. In California and New York, new personal watercraft engines must be designed, built and equipped to meet the State's stringent anti-smog standards. BRP must warrant the emission control system on your personal watercraft engine for the period of time listed below provided there has been no abuse, neglect or improper maintenance of your watercraft engine.

Your emission control system may include parts such as the fuel injection system, the ignition system and catalytic converter. Also included may be hoses, belts, connectors and other emission related assemblies.

Where a warrantable condition exists, BRP will repair your personal watercraft engine at no cost to you including diagnosis, parts and labor provided that such work is performed by an authorized BRP dealer.

Manufacturer's Limited Warranty Coverage

This emission limited warranty covers Model Year 2024 Sea-Doo personal watercrafts certified and produced by BRP for sale in California or New York, that are originally sold in California or New York to a California or New York resident or subsequently warranty registered to a California or New York resident. The BRP limited warranty conditions for Sea-Doo personal watercrafts are still applicable to these models with the necessary modifications. Select emission control parts of your 2024 Sea-Doo personal watercraft are warranted from the date of delivery to the first retail consumer for a period of 4 years, or for 250 hours of use, whichever occurs first. However, warranty coverage based on the hourly period is only permitted for personal watercraft equipped with the appropriate hour meters or their equivalent. If any emission-related part on your engine is defective under warranty, the part will be repaired or replaced by BRP.

Parts Covered for a Model Year 2024 Sea-Doo Personal Watercraft

Supercharger	Air intake adapter
Throttle position sensor	Spark plugs
Intake manifold air pressure sensor	Ignition coils
Intake manifold air temperature sensor	Air box
Engine temperature sensor	Intake and exhaust valve and seals
Knock sensor	Intake manifold

Engine control module ECM	Crankcase ventilation valve
Throttle body	Throttle body seal
Ful rail	Intake manifold seal
Fuel injectors	Wire harness and connectors
Fuel pressure regulator	Fuel filter
Fuel pump	-

The emission warranty covers damage to other engine components that is caused by the failure of a warranted part. The BRP operator's guide provided contains written instructions for the proper maintenance and use of your personal watercraft. All emission warranty parts are warranted by BRP for the entire warranty period of the personal watercraft, unless the part is scheduled for replacement as required maintenance in the operator's guide.

Emission warranty parts that are scheduled for replacement, as required maintenance, are warranted by BRP for the period of time before the first scheduled replacement date for that part. Emission warranty parts that are scheduled for regular inspection, but not regular replacement, are warranted by BRP for the entire warranty period of the personal watercraft. Any emission warranty part repaired or replaced under the terms of this warranty statement is warranted by BRP for the remainder of the warranty period of the original part. All parts replaced under this limited warranty become the property of BRP

Maintenance receipts and records should be transferred to each subsequent owner of the personal watercraft.

Owner's Warranty Responsibilities

As the owner of a 2024 Sea-Doo personal watercraft, you are responsible for the performance of the required maintenance listed in your operator's guide. BRP recommends that you retain all receipts covering maintenance of your personal watercraft engine, but BRP cannot deny warranty solely for the lack of receipts or your failure to ensure the performance of all scheduled maintenance

As the owner of a Sea-Doo personal watercraft, you should however be aware that BRP may deny your warranty coverage if your engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

You are responsible for presenting your engine to an authorized BRP Sea-Doo dealer as soon as a problem exists. The warranty repairs will be completed in a reasonable amount of time, not to exceed 30 days

If you have any questions regarding your warranty rights and responsibilities or for the name and location of the nearest authorized BRP Sea-Doo dealer you should contact the Customer Assistance Center at 1-888-272-9222.

Star Rating System

For California and New York, your 2024 Sea-Doo watercraft (SIMW) has a special environmental label required by the California Air Resources Board. The label has 3 stars. A hangtag, provided with the Product (SIMW), describes the meaning of the star rating system.

The Star Label Means Cleaner Marine Engines

The Symbol for Cleaner Marine Engines:

F18L3CQ

Cleaner Air and Water

For a healthier lifestyle and environment.

Better Fuel Economy

Burns up to 30 - 40 percent less gas and oil than conventional carbureted two-stroke engines saving money and resources.

Longer Emission Warranty

Protects consumer for worry free operation.

One Star – Low Emission

The one-star label identifies personal watercraft, outboard, stern drive and inboard engines that meet the Air Resources Board's Personal Watercraft and Outboard marine engine 2001 exhaust emission standards. Engines meeting these standards have 75% lower emissions than conventional carbureted two-stroke engines. These engines are equivalent to the U.S. EPA's 2006 standards for marine engines.

Two Stars – Very Low Emission

The two-star label identifies personal watercraft, outboard, stern drive and inboard engines that meet the Air Resources Board's Personal Watercraft and Outboard marine engine 2004 exhaust emission standards. Engines meeting these standards have 20% lower emissions than One Star - Low-Emission engines.

Three Stars – Ultra Low Emission

The three-star label identifies engines that meet the Air Resources Board's Personal Watercraft and Outboard marine engine 2008 exhaust emission standards or the Stern drive and Inboard marine engine 2003 exhaust emission standards. Engines meeting these standards have 65% lower emissions than One Star – Low Emission engines.

Four Stars – Super Ultra Low Emission

The four-star label identifies engines that meet the Air Resources Board's Stern--drive and Inboard marine engine 2012 exhaust emission standards. Personal Watercraft and Outboard marine engines may also comply with these standards. Engines meeting these standards have 90% lower emissions than One Star – Low Emission engines.

For more information:	Cleaner Watercraft – Get the Facts 1 800 END-SMOG **www.arb.ca.gov**

BRP INTERNATIONAL LIMITED WARRANTY: 2024 SEA-DOO® WATERCRAFT

1) SCOPE OF THE LIMITED WARRANTY

(“Product(s)”) sold by distributors or dealers authorized by BRP to distribute the Products outside of the United States of America ("USA"), Canada, member states of the European Economic Area (which is comprised of the states of the European Union plus the United Kingdom, Norway, Iceland and Liechtenstein) ("EEA"), Turkey, member states of the Commonwealth of the Independent States (including Ukraine and Turkmenistan) ("CIS") from defects in material or workmanship for the period and under the conditions described below.

This limited warranty will become null and void if:

1. the Product was used for racing or any other competitive activity, at any point, even by a previous owner; or
2. the Product has been altered or modified in such a way so as to adversely affect its operation, performance or durability, or has been altered or modified to change its intended use.

Non-factory installed parts and accessories are not covered under this limited warranty. Please refer to the applicable parts and accessories limited warranty text.

2) LIMITATIONS OF LIABILITY

TO THE EXTEND PERMITTED BY LAW, THIS WARRANTY IS EXPRESSLY GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTY. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY. SOME STATES/PROVINCES DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS AND EXCLUSIONS IDENTIFIED ABOVE. AS A RESULT, THEY MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH MAY VARY FROM COUNTRY TO COUNTRY. BRP SHALL NOT BE HELD LIABLE IF PRODUCTS OR WARRANTY PARTS ARE NOT AVAILABLE IN CERTAIN COUNTRIES FOR REASONS OUTSIDE OF BRP’S CONTROL.

For Products purchased in Australia, refer to the Australia-specific section below.

Neither the distributor, any BRP Distributor/Dealer nor any other person has been authorized to make any affirmation, representation or warranty regarding the product, other than those contained in this limited warranty, and if made, shall not be enforceable against BRP.

BRP reserves the right to modify this limited warranty at any time, being understood that such modification will not alter the warranty conditions applicable to the Products sold while this warranty is in effect.

3) EXCLUSIONS–ARE NOT WARRANTED

The following are not warranted under any circumstances:

– Normal wear and tear;
– Routine maintenance items, tune ups, adjustments;
– Damage caused by negligence or failure to provide proper maintenance and/or storage, as described in the Operator's Guide;
– Damage resulting from removal of parts, improper repairs, service, maintenance, modifications or use of parts not manufactured or approved by BRP or resulting from repairs done by a person that is not an authorized servicing BRP Distributor/Dealer;
– Damage caused by abuse, abnormal use, neglect or operation of the product in a manner inconsistent with the recommended operation described in the Product's Operator's Guide;
– Damage resulting from accident, submersion, fire, theft, vandalism or any act of God;
– Operation with fuels, oils or lubricants which are not suitable for use with the Product (see the Operator's Guide);
– Damages from rust, corrosion or exposure to the elements;
– Damage resulting from water or snow ingestion;
– Incidental or consequential damages, or damages of any kind including without limitation transportation expenses, towing, storage, telephone, rental, taxi, inconvenience, insurance coverage, loan payments, loss of time, loss of income or time missed for downtime experience due to service work;
– Damages from cooling system or jet pump blockage by foreign material;
– Damages to gel coat finish including but not limited to cosmetic gel coat finish defects, blisters, starring, crazing and fiberglass delamination caused by blisters, crazing, spider or hairline cracks.

4) WARRANTY COVERAGE PERIOD

This limited warranty will be in effect from (1) the date of delivery to the first retail consumer, or (2) the date the product is first put into use, whichever occurs first and for the applicable period below:

1. TWELVE (12) consecutive months, for private use owners. For AUSTRALIA and NEW ZEALAND only, TWENTY-FOUR (24) consecutive months for private, recreational use.
2. FOUR (4) consecutive months, for commercial use owners. A Product is used commercially when it is used in connection with any work or employment that generates income during any part of the warranty period. A Product is also used commercially when, at any point during the warranty period, it is licensed for commercial use.

The repair or replacement of parts or the performance of service under this warranty does not extend the life of this warranty beyond its original expiration date.

The warranty coverage period identified above are a minimal limited warranty period which can be extended by any applicable warranty promotional program, as the case may be.

Note that the duration and any other modalities of the warranty coverage are subject to the applicable national or local legislation in the customer's country.

FOR PRODUCTS SOLD IN AUSTRALIA ONLY

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law.

You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Nothing in these Warranty terms and conditions should be taken to exclude, restrict or modify the application of any condition, warranty, guarantee, right or remedy conferred or implied under the Competition and Consumer Act 2010 (Cth), including the Australian Consumer Law or any other law, where to do so would contravene that law, or cause any part of these terms and conditions to be void. The benefits given to you under this limited warranty are in addition to other rights and remedies that you have under Australian law.

5) CONDITIONS TO HAVE WARRANTY COVERAGE

This warranty coverage is available **only** if **each** of the following conditions has been fulfilled:

A) The Product must be purchased as new and unused by its first owner from a Distributor/Dealer authorized to distribute Products in the country in which the sale occurred (“Distributor/Dealer”);

B) The BRP specified pre-delivery inspection process must be completed, documented and signed by the purchaser;

C) The Product must have undergone proper registration by an authorized Distributor/Dealer;

D) The Product must be purchased in the country in which the purchaser resides;

E) Routine maintenance outlined in the Operator’s Guide must be timely performed in order to maintain warranty coverage. BRP reserves the right to make warranty coverage contingent upon proof of proper maintenance.

BRP will not honor this limited warranty to any private use owner or commercial use owner if one of the preceding conditions has not been met. Such limitations are necessary in order to allow BRP to preserve both the safety of its products, and also that of its consumers and the general public.

6) WHAT TO DO TO OBTAIN WARRANTY COVERAGE

The customer must cease using the Product upon the appearance of an anomaly, notify a servicing BRP Distributor/Dealer within two (2) months of the appearance of the anomaly and provide the Distributor/Dealer with reasonable access to the Product and reasonable opportunity to repair it.

The notification period is subject to the applicable national or local legislation in customer's country.

The customer must also present to the Distributor/Dealer, proof of purchase of the Product and must sign the repair/work order prior to starting the repair in order to validate the warranty repair.

All parts replaced under this limited warranty become the property of BRP.

7) WHAT BRP WILL DO

To the extent permitted by law, BRP's obligations under this warranty are limited to, at its sole discretion, repairing or replacing parts found defective under normal use, maintenance and service without charge for parts and labor, at any authorized BRP Distributor/Dealer during the warranty coverage period under the conditions described herein. No claim of breach of warranty shall be cause for cancellation or rescission of the sale of the Product to the owner. You may have other legal rights which may vary from country to country.

In the event that service is required outside of the country of original sale, the owner will bear responsibility for any additional charges due to local practices and conditions, such as, but not limited to, freight, insurance, taxes, license fees, import duties, and any and all other financial charges, including those levied by governments, states, territories and their respective agencies.

BRP reserves the right to improve or modify products from time to time without assuming any obligation to modify products previously manufactured.

8) TRANSFER

If the ownership of a Product is transferred during the warranty coverage period, this limited warranty, subject to its terms and conditions, shall also be transferred and be valid for the remaining coverage period provided BRP or an authorized Product Distributor/Dealer receives a proof that the former owner agreed to the transfer of ownership, in addition to the coordinates of the new owner.

9) CONSUMER ASSISTANCE

In the event of a controversy or a dispute in connection with this limited warranty, BRP suggests that you try to resolve the issue at the dealership level. We recommend discussing the issue with the authorized Distributor/Dealer's service manager or owner.

If the matter still remains unresolved, contact BRP by filling out the customer contact form at www.brp.com or contact BRP by mail at one of the addresses listed under the Contact Us section of this guide.

BRP LIMITED WARRANTY FOR THE EUROPEAN ECONOMIC AREA, THE COMMONWEALTH OF THE INDEPENDENT STATES AND TURKEY: 2024 SEA-DOO® PERSONAL WATERCRAFT

1) SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Products Inc. ("BRP") warrants its 2024 Sea-Doo personal watercraft (“Product(s)”) sold by distributors or dealers authorized by BRP to distribute the Products in member states of the European Economic Area (which is comprised of the states of the European Union plus the United Kingdom, Norway, Iceland and Liechtenstein) ("EEA"), Turkey, member states of the Commonwealth of the Independent States (including Ukraine and Turkmenistan) ("CIS") (“Distributor/Dealer”) from defects in material or workmanship for the period and under the conditions described below.

This limited warranty will become null and void if:

1. the Product was used for racing or any other competitive activity, at any point, even by a previous owner; or
2. the Product has been altered or modified in such a way so as to adversely affect its operation, performance or durability, or has been altered or modified to change its intended use.

Non-factory installed parts and accessories are not covered under this limited warranty. Please refer to the applicable parts and accessories limited warranty text.

2) LIMITATIONS OF LIABILITY

TO THE EXTEND PERMITTED BY LAW, THIS WARRANTY IS EXPRESSLY GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTY. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY. SOME STATES/PROVINCES DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS AND EXCLUSIONS IDENTIFIED ABOVE. AS A RESULT, THEY MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH MAY VARY FROM STATE TO STATE, OR PROVINCE TO PROVINCE. BRP SHALL NOT BE HELD LIABLE IF PRODUCTS OR WARRANTY PARTS ARE NOT AVAILABLE IN CERTAIN COUNTRIES FOR REASONS OUTSIDE OF BRP’S CONTROL.

For Products purchased in France, refer to the France-specific section below.

Neither the distributor, any BRP Distributor/Dealer nor any other person has been authorized to make any affirmation, representation or warranty regarding the product, other than those contained in this limited warranty, and if made, shall not be enforceable against BRP.

BRP reserves the right to modify this limited warranty at any time, being understood that such modification will not alter the warranty conditions applicable to the Products sold while this warranty is in effect.

3) EXCLUSIONS–ARE NOT WARRANTED

The following are not warranted under any circumstances:

– Normal wear and tear;
– Routine maintenance items, tune ups, adjustments;
– Damage caused by negligence or failure to provide proper maintenance and/or storage, as described in the Operator's Guide;
– Damage resulting from removal of parts, improper repairs, service, maintenance, modifications or use of parts not manufactured or approved by BRP or resulting from repairs done by a person that is not an authorized servicing BRP Distributor/Dealer;
– Damage caused by abuse, abnormal use, neglect or operation of the product in a manner inconsistent with the recommended operation described in the Product's Operator's Guide;
– Damage resulting from accident, submersion, fire, theft, vandalism or any act of God;
– Operation with fuels, oils or lubricants which are not suitable for use with the Product (see the Operator's Guide);
– Damages from rust, corrosion or exposure to the elements;
– Damage resulting from water or snow ingestion;
– Incidental or consequential damages, or damages of any kind including without limitation transportation expenses, towing, storage, telephone, rental, taxi, inconvenience, insurance coverage, loan payments, loss of time, loss of income or time missed for downtime experience due to service work.
– Damages from cooling system or jet pump blockage by foreign material;
– Damages to gel coat finish including but not limited to cosmetic gel coat finish defects, blisters, starring, crazing and fiberglass delamination caused by blisters, crazing, spider or hairline cracks

4) WARRANTY COVERAGE PERIOD

This limited warranty will be in effect from (1) the date of delivery to the first retail consumer, or (2) the date the product is first put into use, whichever occurs first and for the applicable period below:

1. TWENTY-FOUR (24) consecutive months, for private, recreational use.
2. FOUR (4) consecutive months, for commercial use owners. A Product is used commercially when it is used in connection with any work or employment that generates income during any part of the warranty period. A Product is also used commercially when, at any point during the warranty period, it is licensed for commercial use.

The repair or replacement of parts or the performance of service under this warranty does not extend the life of this warranty beyond its original expiration date.

The warranty coverage period identified above are a minimal limited warranty period which can be extended by any applicable warranty promotional program, as the case may be.

Note that the duration and any other modalities of the warranty coverage are subject to the applicable national or local legislation in the customer's country.

5) FOR PRODUCTS SOLD IN FRANCE ONLY

The seller shall deliver goods that are complying with the contract and shall be responsible for defects existing upon delivery. The seller shall also be responsible for defects resulting from packaging, assembling instructions or the installation when it is its responsibility per the contract or if accomplished under its responsibility. To be compliant with the contract, the good shall:

1. Be fit for normal use for goods similar thereto and, if applicable:
   - Correspond to the description provided by the seller and have the qualities presented to the buyer though sample or model;
   - Have the qualities that a buyer may legitimately expect considering the public declarations of the seller, the manufacturer of its representative, including in advertising or labeling; or
2. Have the characteristics mutually agreed upon as between the parties or be fit for the specific use intended by the buyer and brought to the attention of the seller and which accepted.

The action for failure to comply is prescribed after two years after delivery of the goods. The seller is responsible for the warranty for hidden defects of the good sold if such hidden defects are rendering the good unfit for the intended use, or if they diminish its use in such a way that the buyer would not have acquired the good or would have given a lesser price, had he known. The action for such hidden defects shall be taken by the buyer within 2 years of the discovery of the defect.

6) CONDITIONS TO HAVE WARRANTY COVERAGE

This warranty coverage is available **only** if **each** of the following conditions has been fulfilled:

A) The Product must be purchased as new and unused by its first owner from a Distributor/Dealer authorized to distribute Products in the country (or in the case of the EEA, union of countries) in which the sale occurred (“Distributor/Dealer”);

B) The BRP specified pre-delivery inspection process must be completed, documented and signed by the purchaser;

C) The Product must have undergone proper registration by an authorized Distributor/Dealer;

D) The Product must be purchased in the country (or in the case of the EEA, union of countries) in which the purchaser resides;

E) Routine maintenance outlined in the Operator’s Guide must be timely performed in order to maintain warranty coverage. BRP reserves the right to make warranty coverage contingent upon proof of proper maintenance.

BRP will not honor this limited warranty to any private use owner or commercial use owner if one of the preceding conditions has not been met. Such limitations are necessary in order to allow BRP to preserve both the safety of its products, and also that of its consumers and the general public.

7) WHAT TO DO TO OBTAIN WARRANTY COVERAGE

The customer must cease using the Product upon the appearance of an anomaly, notify a servicing BRP Distributor/Dealer within two (2) months of the appearance of the anomaly and provide the Distributor/Dealer with reasonable access to the Product and reasonable opportunity to repair it.

The notification period is subject to the applicable national or local legislation in customer's country.

The customer must also present to the Distributor/Dealer, proof of purchase of the Product and must sign the repair/work order prior to starting the repair in order to validate the warranty repair.

All parts replaced under this limited warranty become the property of BRP.

8) WHAT BRP WILL DO

To the extent permitted by law, BRP's obligations under this warranty are limited to, at its sole discretion, repairing or replacing parts found defective under normal use, maintenance and service without charge for parts and labor, at any authorized BRP Distributor/Dealer during the warranty coverage period under the conditions described herein. No claim of breach of warranty shall be cause for cancellation or rescission of the sale of the Product to the owner. You may have other legal rights which may vary from country to country.

In the event that service is required outside of the country of original sale, or for EEA residents, if service is required outside of the EEA, the owner will bear responsibility for any additional charges due to local practices and conditions, such as, but not limited to, freight, insurance, taxes, license fees, import duties, and any and all other financial charges, including those levied by governments, states, territories and their respective agencies.

BRP reserves the right to improve or modify products from time to time without assuming any obligation to modify products previously manufactured.

9) TRANSFER

If the ownership of a Product is transferred during the warranty coverage period, this limited warranty, subject to its terms and conditions, shall also be transferred and be valid for the remaining coverage period provided BRP or an authorized Product Distributor/Dealer receives a proof that the former owner agreed to the transfer of ownership, in addition to the coordinates of the new owner.

10) CONSUMER ASSISTANCE

In the event of a controversy or a dispute in connection with this limited warranty, BRP suggests that you try to resolve the issue at the dealership level. We recommend discussing the issue with the authorized Distributor/Dealer's service manager or owner.

If the matter still remains unresolved, contact BRP by filling out the customer contact form at www.brp.com or contact BRP by mail at one of the addresses listed under the Contact Us section of this guide.

CUSTOMER INFORMATION

DATA PRIVACY INFORMATION

Bombardier Recreational Products inc., its affiliates and subsidiaries (“BRP”) is committed to protecting your privacy and support a general policy of openness about how we collect, use and disclose your personal information in the course of managing our relationship with you. **More details can be found by visiting BRP’s Privacy Policy at: https://brp.com/en/privacy-policy.html or by scanning the QR Code below.**

Please be assured that we have appropriate security measures in place to ensure that your personal information is protected against loss and unauthorized access.

Your personal information that may be collected by BRP, directly from you or from authorized dealers or authorized third parties, includes:

- **Contact, Demographic & Registration Information** (e.g., name, full address, phone number, email, gender, ownership history, language of communication)
- **Vehicle Information** (e.g., serial number, purchase and delivery date, unit usage, vehicle location and movements)
- **Third Party Information** (e.g., information received from BRP partners, joint-marketing activities information, social media)
- **Technological Information** (e.g., IP address, type of device, operating system, browser type, webpages you view, cookies and similar technologies when you use BRP or dealers’ websites or mobile application)
- **Interaction with BRP Information** (e.g., information collected when you call BRP’s in-house sales representatives, buy items on a BRP web Site, sign up for BRP emails, participate in BRP-sponsored contests and sweepstakes or attend BRP-sponsored events)
- **Transactional Information** (e.g., information necessary to handle returns, payment information when you purchase our products or services through our websites or mobile applications and other issues related to your purchase of BRP products)

This information may be used and processed for the following purposes:

- Safety & Security
- Customer Support for Sales & After Sales (e.g., complete or follow up with you about your purchase or maintenance)
- Registration & Warranty
- Communication (e.g., sending you a BRP satisfaction survey)
- Online Behavioural Advertising, Profiling and Location-Based Services (e.g., offer customized experience)
- Compliance & Dispute Resolution
- Marketing & Advertising
- Assistance (e.g., help with any delivery issues, handle returns, and other issues related to your purchase of BRP products).

We also may use personal information to generate aggregated or statistical data that no longer identifies you personally.

Your personal information may be disclosed to the following: BRP, BRP’s authorized dealerships, distributors, service providers, advertising & market research partners and other authorized third parties.

We may receive information about you from diverse sources, including third parties, such as BRP’s authorized dealerships and partners, with whom we offer

services or engage in joint-marketing activities. We may also receive information about you from social media platforms such as Facebook and Twitter, when you interact with us on those platforms.

Depending on the circumstances, your personal information may be communicated outside the region where you reside. Your personal information is retained only for as long as necessary for the purpose for which we obtained it and according to our retention policies.

To exercise your data privacy rights (e.g. right of access, right of rectification), to withdraw your consent in order to be removed from the address list for marketing purposes or for the satisfaction survey or for general data privacy questions, please contact BRP's Data Protection Officer at or by mail at **privacyofficer@brp.com** or by mail at:
BRP Legal Service, 726 St-Joseph, Valcourt, Quebec, Canada, J0E 2L0.

When BRP processes your personal information, they do so in compliance with its Privacy Policy available at: https://www.brp.com/en/privacy-policy.html or by using the following QR Code.

CONTACT US

www.brp.com

Asia Pacific

Australia
Level 26
477 Pitt Street
Sydney, NSW 2020

China
上海市徐汇区衡山路10号6号楼301
Rm 301, Building 6,
No.10 Heng Shan Rd,
Shanghai, China

Japan
21F Shinagawa East One Tower
2–16–1 Konan, Minato-ku-ku,
Tokyo 108–0075

New Zealand
Suite 1.6, 2–8 Osborne Street,
Newmarket, Auckland 2013

Europe, Middle East and Africa

Belgium
Oktrooiplein 1
9000 Gent

Czech Republic
Stefanikova 43a
Prague 5
150 00

Germany
Itterpark 11
40724 Hilden

Finland
Isoaavantie 7
PL 8040
96101 Rovaniemi

France
Arteparc Bâtiment B
Route de la côte d'Azur,
13 590 Meyreuil

Norway
Ingvald Ystgaardsvei 15
N-7484 Trondheim

Salg, marketing, ettermarked

Sweden
Spinnvägen 15
903 61 Umeå
Sweden 90821

Switzerland
Avenue d'Ouchy 4-6
1006 Lausanne

Latin America

Brazil
Av. James Clerck Maxwell, 230
Campinas, Sao Paulo
CEP 13069-380

Mexico
Av. Ferrocarril 202
Parque Industrial Querétaro
Santo Rosa Jauregui, Querétaro
C.P. 76220

North America

Canada
3200A, rue King Ouest,
Suite 300
Sherbrooke (Québec) J1L 1C9

United States of America
10101 Science Drive
Sturtevant, Wisconsin
53177

CHANGE OF ADDRESS/OWNERSHIP

If your address has changed or if you are the new owner of the boat, be sure to notify BRP by either:

– Notifying an authorized Sea-Doo dealer.
– **North America Only:** calling at 1 888 272-9222.
– Mailing one of the change of address cards on the following pages at one of the BRP addresses indicated in the *Contact Us* section of this guide.

In case of change of ownership, please join a proof that the former owner agreed to the transfer.

Notifying BRP, even after the expiration of the limited warranty, is very important as it enables BRP to reach the boat owner if necessary, like when safety recalls are initiated. It is the owner's responsibility to notify BRP.

STOLEN UNITS: In the event that your boat is stolen, you should notify your area's distributor warranty department of such. We will ask you to provide your name, address, phone number, Hull Identification Number and date it was stolen.

CHANGE OF ADDRESS ❑ CHANGE OF OWNERSHIP ❑

VEHICLE IDENTIFICATION NUMBER

Model Number | Vehicle Identification Number (V.I.N.)

OLD ADDRESS OR PREVIOUS OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

NEW ADDRESS OR NEW OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

E-MAIL ADDRESS

CHANGE OF ADDRESS ❑ CHANGE OF OWNERSHIP ❑

VEHICLE IDENTIFICATION NUMBER

Model Number | Vehicle Identification Number (V.I.N.)

OLD ADDRESS OR PREVIOUS OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

NEW ADDRESS OR NEW OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

E-MAIL ADDRESS

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CHANGE OF ADDRESS ❑ CHANGE OF OWNERSHIP ❑

VEHICLE IDENTIFICATION NUMBER

Model Number | Vehicle Identification Number (V.I.N.)

OLD ADDRESS OR PREVIOUS OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

NEW ADDRESS OR NEW OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

E-MAIL ADDRESS

CHANGE OF ADDRESS ❑ CHANGE OF OWNERSHIP ❑

VEHICLE IDENTIFICATION NUMBER

Model Number | Vehicle Identification Number (V.I.N.)

OLD ADDRESS OR PREVIOUS OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

NEW ADDRESS OR NEW OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

E-MAIL ADDRESS

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NOTE:

NOTE:

NOTE:

NOTE:

NOTE:

NOTE:

WATERCRAFT
Model No. _____

HULL
Identification Number (H.I.N.) _____

ENGINE
Identification Number (E.I.N.) _____

OWNER: _____
NAME

_____
No. STREET APT

_____
CITY STATE/PROVINCE ZIP/POSTAL CODE

Purchase Date _____ _____ _____
YEAR MONTH DAY

Warranty Expiry Date _____ _____ _____
YEAR MONTH DAY

To be completed by the authorized Sea-Doo dealer at the time of the sale.

DEALER IMPRINT AREA

⚠ WARNING

Disregarding any of the safety precautions and instructions contained in the operators's guide, safety video and on product safety labels could cause injury including the possibility of death.

www.brp.com

SKI-DOO® **SEA-DOO®** **CAN-AM®**
LYNX® **ROTAX®** **ALUMACRAFT®**
MANITOU® **QUINTREX®**

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