

**can-am**<sup>TM</sup>



**2009**

**Operator's  
Guide**

**Includes  
Safety, Vehicle  
and Maintenance Information**

**OUTLANDER<sup>TM</sup>  
500/650/800R EFI**

**⚠ WARNING**

Read this guide thoroughly. It contains important safety information.

Minimum recommended age: Operator: 16 years. Passenger for **MAX models only**: 12 years.

Do not remove this Operator's Guide from the vehicle.

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**⚠ WARNING**

**YOUR VEHICLE CAN BE HAZARDOUS TO OPERATE.** A collision or rollover can occur quickly, even during routine maneuvers such as turning and driving on hills or over obstacles, if you fail to take proper precautions. For your safety, understand and follow all the warnings contained in this Operator's Guide and the labels on your vehicle. **Failure to follow these warnings can result in SEVERE INJURY OR DEATH!** Keep this Operator's Guide with the vehicle at all times.

**⚠ WARNING**

Disregarding any of the safety precautions and instructions contained in this Operator's Guide, *SAFETY VIDEO* and on-product labels could cause injury including the possibility of death!

**⚠ WARNING**

This vehicle may exceed the performance of other vehicles you may have ridden in the past. Take time to familiarize yourself with your new vehicle.

*2-UP vs 1-UP Models*

**⚠ WARNING**

Throughout this Operator's Guide, the term "1-UP" refers to vehicles designed to carry the operator only while the term "2-UP" refers to vehicles designed to carry also a passenger. Make sure to identify and follow the warnings and instructions that are applicable to your specific model.

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CAN-AM™

ROTAX®

OUTLANDER™

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# FOREWORD

Congratulations on your purchase of a new Can-Am™ ATV. It is backed by the BRP warranty and a network of authorized Can-Am 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 vehicle 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 *PREDELIVERY CHECK LIST* to ensure your new vehicle was prepared to your entire satisfaction.

## Know Before you Go

To learn how to reduce the risk for you, passengers or bystanders being hurt or killed, read the following sections before you operate the vehicle:

- *SAFETY INFORMATION*
- *VEHICLE INFORMATION.*

We highly recommend that you take a safety riding course. Please check with your dealer or local authorities for availability in your area.

Keep this Operator's Guide in the vehicle as you can refer to it for things such as maintenance, troubleshooting and instructing others.

## Safety Messages

The types of safety messages, what they look like and how they are used in this guide are explained as follows:

### **WARNING**

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

 **CAUTION** Indicates a hazard situation which, if not avoided, could result in minor or moderate injury.

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

## About this Operator's Guide

This Operator's Guide has been prepared to acquaint the owner/operator of a new vehicle with the various vehicle controls, maintenance and safe operating instructions. They are indispensable for the proper use of the product.

Note that 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.operatorsguide.brp.com](http://www.operatorsguide.brp.com).

The information contained in this document are correct at the time of publication. BRP, however, 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.

This Operator's Guide and the Safety Video should remain with the vehicle when it is sold.

While reading this Operator's Guide, reminder that:

 **WARNING**

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

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# ***SAFETY INFORMATION***

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# GENERAL PRECAUTIONS

## Avoid Carbon Monoxide Poisoning

All engine exhaust contains carbon monoxide, a deadly gas. Breathing carbon monoxide 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 carbon monoxide can collect rapidly, and you can quickly be overcome and unable to save yourself. Also, deadly levels of carbon monoxide can linger for hours or days in enclosed or poorly ventilated areas. If you experience any symptoms of carbon monoxide poisoning, leave the area immediately, get fresh air and seek medical treatment.

To prevent serious injury or death from carbon monoxide:

- Never run the vehicle in poorly ventilated or partially enclosed areas such as garages, carports or barns. Even if you try to ventilate engine exhaust with fans or open windows and doors, carbon monoxide can rapidly reach dangerous levels.
- Never run the vehicle outdoors where engine exhaust can be drawn into a building through openings such as windows and doors.

## Avoid 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:

- Refuel outdoors in a well ventilated area away from flames, sparks, anyone smoking and other sources of ignition.
- Never add fuel with engine running.
- Never top off the fuel tank. Leave some room for the fuel to expand with temperature changes.
- Wipe up any spilled fuel.
- Never start or operate the engine with the fuel cap removed.
- Use only an approved red gasoline container to store fuel.

Gasoline is poisonous and can cause injury or death.

- Never siphon gasoline by mouth.
- If you swallow gasoline, get any in your eye or inhale gasoline vapor, see your doctor immediately.

If gasoline spills on you, wash with soap and water and change your clothes.

## Avoid Burns from Hot Parts

The exhaust system and engine become hot during operation. Avoid contact during and shortly after operation to avoid burns.

## Accessories and Modifications

Do not make unauthorized modifications, or use attachments or accessories that are not approved by BRP. Since these changes have not been tested by BRP, they may increase the risk of crashes or injuries, and they can make the vehicle illegal.

See your authorized Can-Am dealer for available accessories for your vehicle.

# SPECIAL SAFETY MESSAGES

## WARNING

### **THIS VEHICLE IS NOT A TOY AND CAN BE HAZARDOUS TO OPERATE.**

This vehicle handles differently from other vehicles including motorcycles and cars. A collision or rollover can occur quickly, even during routine maneuvers such as turning and driving on hills or over obstacles, if you fail to take proper precautions.

## WARNING

**SEVERE INJURY OR DEATH** can result if you do not follow these instructions:

- Read this Operator's Guide and all on-product warning labels carefully and follow the operating procedures described. Watch and pay attention to the *SAFETY VIDEO* before operation.
- Never operate this vehicle without proper instruction. Take a training course. All operators should receive training from a certified instructor. Contact an authorized Can-Am dealer for more information.
- Always follow this age recommendation: A person under 16 years old should never operate this vehicle.
- Passenger on 2-UP models should be 12 years old or more and must be capable of keeping his feet on the footrests and his hands on grab handles at all times when seated on this vehicle.
- Never carry a passenger on this vehicle unless you are operating a 2-UP model.
- Never carry more than one (1) passenger on a 2-UP Model.
- Never operate this vehicle on any paved surfaces unless it is for short distances, at reduced speed and in order to move the vehicle from an off-road location to another.
- Never take place on this vehicle without wearing an approved helmet that fits properly. The operator and the passenger (2-UP models) should also wear eye protection (goggles or face shield), gloves, boots, long sleeved shirt or jacket, and long pants. The passenger on 2-UP models should have an approved helmet including a rigid chin guard.
- Never ride this vehicle under influence of alcohol or drugs. They slow reaction time and impair judgement.
- Never attempt wheelies, jumps, or other stunts.
- Always go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating this vehicle. If you are operating a 2-UP model, always keep in mind that you are carrying a passenger.

 **WARNING**

- Never operate on excessively rough, slippery or loose terrain until you have learned and practiced the skills necessary to control this vehicle on such terrain. Always be especially cautious on these kinds of terrain. If you are operating a 2-UP model, always keep in mind that you are carrying a passenger.
- Always follow proper procedures for turning as described further in this Operator's Guide. Practice turning at low speeds before attempting to turn at faster speeds. Do not turn at excessive speed. Carrying a passenger with 2-UP models may affect the stability and the handling of the vehicle.
- Never operate this vehicle on hills too steep for the vehicle or for your abilities. Do not forget, with 2-UP models, the operator is responsible for the safety of the passenger. In doubt, disembark him before climbing hill. Always remember that the vehicle handling, stability and braking distance may be affected when riding with a passenger.
- Always follow proper procedures for climbing hills as described further in this Operator's Guide. Check the terrain carefully before you start up any hill. Never climb hills with excessively slippery or loose surfaces. Shift operator and passenger (2-UP models) weight forward. Never open the throttle suddenly or make sudden gear changes. Never go over the top of any hill at high speed. If you are operating a 2-UP model, always keep in mind that you are carrying a passenger.
- Always follow proper procedures for going down hills and for braking on hills as described further in this Operator's Guide. Check the terrain carefully before you start down any hill. Shift operator and passenger (2-UP models) weight backward. Never go down a hill at high speed. Avoid going down a hill at an angle that would cause the vehicle to lean sharply to one side. Go straight down the hill where possible. If you are operating a 2-UP model, always keep in mind that you are carrying a passenger.
- Always follow proper procedures for crossing the side of a hill as described further in this Operator's Guide. Avoid hills with excessively slippery or loose surfaces. Shift operator and passenger weight (2-UP models) to the uphill side of the vehicle. Never attempt to turn the vehicle around on any hill until you have mastered the turning technique described in this Operator's Guide on level ground. Avoid crossing the side of a steep hill if possible. If you are operating a 2-UP model, always keep in mind that you are carrying a passenger.

 **WARNING**

- Always use proper procedures if you stall or roll backwards when climbing a hill. To avoid stalling, use proper gear and maintain a steady speed when climbing a hill. If you stall or roll backwards, follow the special procedure for braking described in this Operator's Guide. First, disembark the passenger (2-UP models) then the operator. Dismount on the uphill side or to a side if pointed straight uphill. Turn the vehicle around and remount, following the procedure described further in this Operator's Guide.
- Always check for obstacles before operating in a new area. Never attempt to operate over large obstacles, such as large rocks or fallen trees. Always follow proper procedures when operating over obstacles as described further in this Operator's Guide. Do not forget, with 2-UP models, the operator is responsible for the safety of the passenger. In doubt, disembark him to get through the obstacles.
- Always be careful when skidding or sliding. If you are operating a 2-UP model and have a passenger onboard, never attempt skidding or sliding; overturn or passenger ejection may occur. Learn to safely control skidding or sliding by practicing at low speeds and on level smooth terrain. On extremely slippery surfaces, such as ice, go slowly and be very cautious in order to reduce the chance of skidding out of control.
- Never operate this vehicle in fast flowing water or in water deeper than that specified in this Operator's Guide. Remember that wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply them several times to let friction dry out the pads. With 2-UP models, the vehicle braking distance may be affected when riding with a passenger. Safely reduce speed when riding with a passenger. Allow greater distance for braking.
- Always be sure there are no obstacles or people behind the vehicle when you operate in reverse. When it is safe to proceed in reverse, go slowly. Take into account that on a 2-UP model the passenger can obstruct your view.
- Never exceed the stated load limits for this vehicle including operator and passenger (2-UP models), all other loads and added accessories. Cargo should be properly distributed and securely attached. Reduce speed and follow instructions in this guide for carrying cargo or pulling a trailer. Allow greater distance for braking.
- Always inspect and confirm the safe operating condition of your vehicle prior to ride. Always follow the inspection and maintenance procedures and schedules described in this Operator's Guide.
- Always use the tire size and type specified further in this Operator's Guide. Always maintain proper tire pressure as described further in this Operator's Guide.
- Never modify this vehicle through improper installation or use of accessories. Only use BRP's approved accessories. NEVER install a passenger seats on a 1-UP model or use the racks to carry a passenger.

*2-UP Models only*

 **WARNING**

**Driver must:**

- Inform the passenger concerning the basic rules for a safe ride.
- Not forget, the operator is responsible for the safety of the passenger. If in doubt, disembark him before executing any maneuver. Always practice the maneuvers described in this Operator's Guide without and with passenger. Always remember that the vehicle handling, stability and braking distance may be affected when riding with a passenger. Safely reduce speed when riding with a passenger. Allow greater distance for braking. In some situations, this vehicle can be used easily with the operator alone but not necessarily with a passenger. Use your common sense.
- Never carry passenger on a 2-UP model if the storage box is installed (in place of rear seat).
- Always keep both hands on the handlebars and both feet on the footrests of the vehicle during operation.
- Never operate a 2-UP model without the passenger's seat or the storage box properly installed.

 **WARNING**

**Passenger must:**

- Never take place on this vehicle without wearing an approved helmet (including a chin guard) that fits properly. You should also wear eye protection (goggles or face shield), gloves, boots, long sleeved shirt or jacket, and long pants.
- Be seated on the designated passenger's seat and hold on to the grab handles at all times. Never hold on to the operator.
- Always keep hands and feet in the proper place during operation.
- Never get up during vehicle operation. An excessive movement could cause loss of control.
- Pay attention to vehicle and operator movements.
- Not wait and tell the driver to slow down or stop if you feel uncomfortable or insecure for any reason.

## European Community

The following warnings apply only in the European Countries where on road use is allowed.

### **WARNING**

#### **On road use:**

- This vehicle is built for OFF-ROAD purposes only. It may be used for short distances on paved surfaces at reduced speed, in order to move the vehicle from an off-road location to another.
- When driving this vehicle on roads, always refrain from speeding and substantially reduce vehicle speed when turning.
- Always respect the road traffic laws when you operate this vehicle on the roadway, even a dirt or gravel road.
- Failure to do so can cause a loss of vehicle control, possibly resulting in serious injury.

### **WARNING**

#### **Front winch:**

- The front winch hook of the so equipped vehicle must be removed and stored when riding the vehicle on public trails and/or roads.
- Failure to do so can increase the risk of injury to bystanders.

While reading this Operator's Guide, reminder that:

### **WARNING**

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

# OPERATION WARNINGS

**NOTE:** The following illustrations are general representations only. Your model may differ.

## WARNING



V00A0AQ

### **POTENTIAL HAZARD**

Operating this vehicle without proper instruction.

### **WHAT CAN HAPPEN**

The risk of an accident is greatly increased if the operator does not know how to operate this vehicle properly in different situations and on different types of terrain with or without passenger (2-UP models).

### **HOW TO AVOID THE HAZARD**

Beginning and inexperienced operators should complete a training course. They should then regularly practice the skills learned in the course and the operating techniques described in this Operator's Guide.

For more information about a training course, contact an authorized Can-Am dealer.

**⚠ WARNING**

V00A1AQ

**POTENTIAL HAZARD**

Failure to follow the age recommendations for this vehicle.

**WHAT CAN HAPPEN**

A lack of respect for this age recommendation can lead to severe injury or death of the child.

Even though a child may be within the age group for which this vehicle is recommended, he may not have the skills, abilities, or judgment needed to operate this vehicle safely and may be involved in a serious accident.

**HOW TO AVOID THE HAZARD**

No one under 16 should operate this vehicle.

*2-UP Models Only*

**⚠ WARNING**



V00A1BQ

**POTENTIAL HAZARD**

Failure to follow the age recommendations on 2-UP models for the passenger.

**WHAT CAN HAPPEN**

A child, under 12, may not have the ability needed to ride safely and may be involved in a serious accident.

**HOW TO AVOID THE HAZARD**

No one under 12 should be riding on this vehicle.

**⚠ WARNING**

**POTENTIAL HAZARD**

Failure to respect the physical limitations of the passenger on 2-UP models.

**WHAT CAN HAPPEN**

A passenger that cannot completely lean his feet on footrests can be ejected when riding on uneven terrain.

**HOW TO AVOID THE HAZARD**

The passenger must be capable of keeping his feet on the footrests and his hands on grab handles at all times when he is seated on the vehicle.

1-UP Models Only

**⚠ WARNING**



V00A02Q

**POTENTIAL HAZARD**

Carrying a passenger on this vehicle.

**WHAT CAN HAPPEN**

Greatly reduces your ability to balance and control this vehicle.

Could cause an accident, resulting in harm to you and/or your passenger.

**HOW TO AVOID THE HAZARD**

Never carry passenger. Even with a long seat that provides unrestricted operator movement, it is not designed nor intended to carry passenger(s).

*2-UP Models Only*

**⚠ WARNING**



V00A1CQ

**POTENTIAL HAZARD**

Carrying more than one (1) passenger on this vehicle.

**WHAT CAN HAPPEN**

Carrying more than one (1) passenger reduces your ability to balance and control this vehicle.

Could cause an accident, resulting in harm to you and/or your passengers.

**HOW TO AVOID THE HAZARD**

Never carry more than one (1) passenger. Even with a long seat that provides unrestricted operator movement, the vehicle is not designed nor intended to carry more than one (1) operator and one (1) passenger. The passenger must be used the designated passenger's seat when he is seated on the vehicle.

When the storage box is installed (in place of rear seat), the vehicle becomes a ONE-RIDER vehicle (1-UP model) and NO PASSENGER must be allowed on it.

*2-UP Models Only***⚠ WARNING**

V00A2DQ

**POTENTIAL HAZARD**

Allowing passenger to sit in a location other than the designated passenger's seat.

**WHAT CAN HAPPEN**

Passenger seated in a location other than the designated passenger's seat could:

- impair vehicle stability which could lead to a loss of control
- suffer injury from impact on hard surfaces.

Could cause an accident, resulting in harm to you and/or your passenger.

**HOW TO AVOID THE HAZARD**

Passenger must always remain seated on designated passenger's seat with feet firmly planted on footrests and always hold on to the grab handles.

**⚠ WARNING**



V00A04Q

**POTENTIAL HAZARD**

Operating this vehicle on public streets, roads or highways.

**WHAT CAN HAPPEN**

You can collide with another vehicle. Paved surfaces may seriously affect handling and control of the vehicle, and may cause the vehicle to go out of control.

**HOW TO AVOID THE HAZARD**

If a road usage is allowed in your area, operate your vehicle on paved surfaces only for short distance and for the only purpose of moving the vehicle from an off-road usage to another.

Always operate your vehicle at low speed (never exceed 65 km/h) and reduce the speed before making a turn.

Always respect all road traffic laws when operating your vehicle on public roads or streets.

**⚠ WARNING**

V00A06Q

**POTENTIAL HAZARD**

Riding this vehicle without wearing an approved helmet, eye protection and protective clothing. On 2-UP models, passenger should also have an approved helmet with a rigid chin guard.

**WHAT CAN HAPPEN**

The following items concern the operator and the passenger (2-UP models):

- riding without an approved helmet increases the chances of a severe head injury or death in the event of an accident
- riding without eye protection can result in an accident and increases the chances of a severe injury in the event of an accident
- riding without protective clothing increases the chances of severe injury in the event of an accident.

**HOW TO AVOID THE HAZARD**

Always wear an approved helmet that fits properly. You should also wear:

- eye protection (goggles or face shield)
- rigid chin guard (recommended for the passenger)
- gloves and boots
- long sleeved shirt or jacket
- long pants.

**⚠ WARNING**



V00A07Q

**POTENTIAL HAZARD**

Riding this vehicle under influence of alcohol or drugs.

**WHAT CAN HAPPEN**

Could cause the passenger to fall off (2-UP models).

Could seriously affect your judgment.

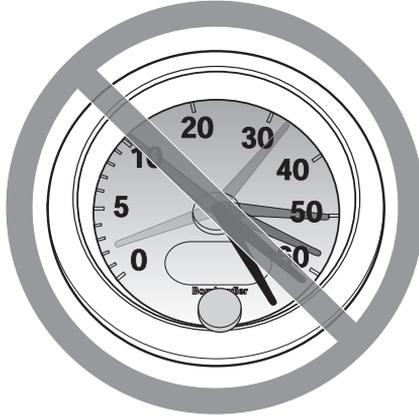
Could cause you to react more slowly.

Could affect your balance and perception.

Could result in an accident or death of passenger (2-UP models) and/or operator.

**HOW TO AVOID THE HAZARD**

The operator and the passenger (2-UP models) should never ride this vehicle under influence of alcohol or drugs.

**⚠ WARNING**

V00A08Q

**POTENTIAL HAZARD**

Operating this vehicle at excessive speeds.

**WHAT CAN HAPPEN**

Increases your chances of losing control of the vehicle, which can result in an accident.

**HOW TO AVOID THE HAZARD**

Always travel at a speed which is proper for the terrain, visibility and operating conditions, and your experience. The maximum speed authorized with this vehicle is 65 km/h. Always reduce speed before making a turn.

On 2-UP models, the vehicle handling, stability and braking distance may be affected when riding with a passenger. Safely reduce speed when riding with a passenger. Allow greater distance for braking.

**⚠ WARNING**



V00A09Q

**POTENTIAL HAZARD**

Attempting wheelies, jumps and other stunts.

**WHAT CAN HAPPEN**

Increases the chance of an accident, for the operator and the passenger (2-UP models), including an overturn.

**HOW TO AVOID THE HAZARD**

Never attempt stunts, such as wheelies or jumps. Do not try to show off.

**⚠ WARNING**

**POTENTIAL HAZARD**

Failure to inspect the vehicle before operating.

Failure to properly maintain the vehicle.

**WHAT CAN HAPPEN**

Increases the possibility of an accident or equipment damage.

**HOW TO AVOID THE HAZARD**

Always inspect your vehicle every time prior you use it to make sure the vehicle is in safe operating condition.

Always follow the inspection and maintenance procedures and schedules described further in this Operator's Guide.

**⚠ WARNING****POTENTIAL HAZARD**

Riding on frozen waterways.

**WHAT CAN HAPPEN**

Breaking through the ice can lead to severe injury or death.

**HOW TO AVOID THE HAZARD**

Never ride this vehicle on a frozen surface before you are sure the ice is thick enough and sound enough to support the vehicle and its load, as well as the force that is created by a moving vehicle.

**⚠ WARNING**

V00A0BQ

**POTENTIAL HAZARD**

Removing hands from handlebars for the operator and from grab handles for the passenger (2-UP models), or feet from the footrests during operation.

**WHAT CAN HAPPEN**

Removing even one hand or foot can reduce your ability to control the vehicle or could cause you to lose your balance and fall off the vehicle. If you remove a foot from the footrests, your foot or leg may come into contact with the rear wheels, which could injure you or cause an accident.

**HOW TO AVOID THE HAZARD**

Operator and passenger (2-UP models) must always keep both hands on the handlebars or on grab handles and both feet on the footrests during vehicle operation.

**⚠ WARNING**



V00A0CQ

**POTENTIAL HAZARD**

Failure to use extra care when operating this vehicle on unfamiliar terrain.

**WHAT CAN HAPPEN**

You can come upon hidden rocks, bumps, or holes, without enough time to react.

Could result in the vehicle overturning, passenger ejection (2-UP models) or loss of control.

**HOW TO AVOID THE HAZARD**

Go slowly and be extra careful when operating on unfamiliar terrain.

Always be alert to changing terrain conditions when operating the vehicle.

Do not forget, on 2-UP models, the operator is responsible for the safety of his passenger. Safely reduce speed when riding with a passenger.

**⚠ WARNING**

V00A0DQ

**POTENTIAL HAZARD**

Failure to use extra care when operating on excessively rough, slippery or loose terrain.

**WHAT CAN HAPPEN**

Could cause loss of traction or vehicle control, which could result in an accident, including an overturn or passenger ejection (2-UP models).

**HOW TO AVOID THE HAZARD**

Do not operate on excessively rough, slippery or loose terrain until you have learned and practiced the skills necessary to control this vehicle on such terrain.

Always be especially cautious on these kinds of terrain.

Do not forget, on 2-UP models, the operator is responsible for the safety of the passenger. In doubt, disembark him before operating on these terrains.

**⚠ WARNING**



V00A0EQ

**POTENTIAL HAZARD**

Turning improperly.

**WHAT CAN HAPPEN**

Vehicle could go out of control, causing a collision, an overturn or a passenger ejection (2-UP models).

**HOW TO AVOID THE HAZARD**

Always follow proper procedures for turning as described further in this Operator's Guide. Practice turning at low speeds before attempting to turn at faster speeds.

Do not forget, on 2-UP models, the operator is responsible for the safety of the passenger. Never perform this maneuver with a passenger. Always remember that the vehicle handling, stability and braking distance may be affected when riding with a passenger.

Do not turn at excessive speed.

**⚠ WARNING**

V00AQQ

**POTENTIAL HAZARD**

Operating on excessively steep hills.

**WHAT CAN HAPPEN**

The vehicle can overturn more easily on extremely steep hills than on level surfaces or small hills.

**HOW TO AVOID THE HAZARD**

Never operate this vehicle on hills too steep for the vehicle or for your abilities.

Practice, without and with passenger (2-UP models), on smaller hills before attempting larger hills.

Always remember that, on 2-UP models, even if this vehicle can climb some steep hills, it is not recommended to climb such hills with a passenger; always disembark him before attempting this maneuver. Show good judgement.

**⚠ WARNING**



V00A0FQ

**POTENTIAL HAZARD**

Climbing hills improperly.

**WHAT CAN HAPPEN**

Could cause loss of control, passenger ejection (2-UP models) or cause vehicle to overturn.

**HOW TO AVOID THE HAZARD**

Always follow proper procedures for climbing hills as described further in this Operator's Guide.

Always check the terrain carefully before you start up any hill. Do not forget, on 2-UP models, the operator is responsible for the safety of the passenger. In doubt, disembark him before climbing hill. Always remember that the vehicle handling, stability and braking distance may be affected when riding with a passenger.

Never climb hills with excessively slippery or loose surfaces.

Shift operator and passenger (2-UP models) weight forward.

Never open the throttle suddenly or make sudden gear changes. The vehicle could flip over backwards.

Never go over the top of any hill at high speed. An obstacle, a sharp drop, or another vehicle or person could be on the other side of the hill.

## WARNING



V00A0GQ

### **POTENTIAL HAZARD**

Going down a hill improperly.

### **WHAT CAN HAPPEN**

Could cause loss of control, passenger ejection (2-UP models) or cause vehicle to overturn.

### **HOW TO AVOID THE HAZARD**

Always follow proper procedures for going down hills as described further in this Operator's Guide.

**NOTE:** A special technique is required when braking as you go down a hill. Always check the terrain carefully before you start down any hill. Do not forget, on 2-UP models, the operator is responsible for the safety of the passenger. In doubt, disembark him before going down hill. Always remember that the vehicle handling, stability and braking distance may be affected when riding with a passenger.

Shift operator and passenger (2-UP models) weight backward. On 2-UP models, passenger must hold the grab handles firmly.

Never go down a hill at high speed.

Avoid going down a hill at an angle which would cause the vehicle to lean sharply to one side. Go straight down the hill where possible.

**⚠ WARNING**



V00A0HQ

**POTENTIAL HAZARD**

Improperly crossing hills or turning on hills.

**WHAT CAN HAPPEN**

Could cause loss of control, passenger ejection (2-UP models) or cause vehicle to overturn.

**HOW TO AVOID THE HAZARD**

Never attempt this maneuver on 2-UP models when the passenger is on board. Always disembark him before executing.

Never attempt to turn the vehicle around on any hill until you have mastered the turning technique as described further in this Operator's Guide on level ground. Be very careful when turning on any hill.

Avoid crossing the side of a steep hill if possible.

***When crossing the side of a hill:***

Always follow proper procedures as described further in this Operator's Guide.

Avoid hills with excessively slippery or loose surfaces.

Operator and passenger (2-UP models) must shift their weight to the uphill side of the vehicle.

*1-UP Models Only***⚠ WARNING**

V00A01Q

**POTENTIAL HAZARD**

Stalling, rolling backwards or improperly dismounting while climbing a hill.

**WHAT CAN HAPPEN**

Could result in vehicle overturning.

**HOW TO AVOID THE HAZARD**

Use proper gear and maintain steady speed when climbing a hill.

***If you lose all forward speed:***

Keep your weight uphill. Never open the throttle suddenly or make sudden gear changes. The vehicle could flip over backwards.

Apply the brakes.

Lock parking brake after you have stopped.

Dismount on uphill side, or to a side if pointed straight uphill.

***If you begin rolling backwards:***

Keep your weight uphill. Never open the throttle suddenly or make sudden gear changes. The vehicle could flip over backwards.

Never apply the rear brake while rolling backwards.

Apply the front brake gradually.

When fully stopped, apply rear brake as well and lock parking brake.

Dismount on uphill side, or to a side if pointed straight uphill.

Turn the vehicle around and remount, following the procedure described further in this Operator's Guide.

2-UP Models Only

**⚠ WARNING**



V00A1PQ

**POTENTIAL HAZARD**

Stalling, rolling backwards or improperly dismounting while climbing a hill.

**WHAT CAN HAPPEN**

Could result in vehicle overturning.

**HOW TO AVOID THE HAZARD**

Use proper gear and maintain steady speed when climbing a hill.

***If you lose all forward speed:***

Operator and passenger must keep their weight uphill. Never open the throttle suddenly or make sudden gear changes. The vehicle could flip over backwards.

Apply the brakes.

Lock parking brake after you have stopped.

First, disembark the passenger, then dismount on uphill side, or to a side if pointed straight uphill.

***If you begin rolling backwards:***

Operator and passenger must keep their weight uphill. Never open the throttle suddenly or make sudden gear changes. The vehicle could flip over backwards.

Never apply the rear brake while rolling backwards.

Apply the front brake gradually.

When fully stopped, apply rear brake as well and lock parking brake.

First, disembark the passenger, then dismount on uphill side, or to a side if pointed straight uphill.

Turn the vehicle around and remount, following the procedure described further in this Operator's Guide.

**⚠ WARNING**

V00A0JQ

**POTENTIAL HAZARD**

Improperly operating over obstacles.

**WHAT CAN HAPPEN**

Could cause loss of control, passenger ejection (2-UP models) or a collision.

Could cause the vehicle to overturn.

**HOW TO AVOID THE HAZARD**

On 2-UP models, the operator is responsible for the safety of his passenger. In doubt, disembark him before riding over obstacles. Always remember that the vehicle handling and stability may be affected when riding with a passenger.

Before operating in a new area, check for obstacles.

Never attempt to ride over large obstacles, such as large rocks or fallen trees.

When you go over obstacles, always follow proper procedures as described further in this Operator's Guide.

**⚠ WARNING**



V00A0KQ

**POTENTIAL HAZARD**

Skidding or sliding improperly.

**WHAT CAN HAPPEN**

You may lose control of this vehicle.

You may also regain traction unexpectedly, which may cause the vehicle to overturn or passenger ejection (2-UP models).

**HOW TO AVOID THE HAZARD**

On 2-UP models, never slide or skid with passenger. Always remember that the vehicle handling and stability may be affected when riding with a passenger.

Learn to safely control skidding or sliding by practicing at low speeds and on level smooth terrain.

On extremely slippery surfaces, such as ice, go slowly and be very cautious in order to reduce the chance of skidding or sliding out of control.

**⚠ WARNING**

V00A0LQ

**POTENTIAL HAZARD**

Operating this vehicle through deep or fast flowing water.

**WHAT CAN HAPPEN**

Tires may float, causing loss of traction and loss of control, which could lead to an accident.

**HOW TO AVOID THE HAZARD**

Never operate this vehicle in fast flowing water or in water deeper than that specified further in this Operator's Guide.

Check water depth and current before you attempt to cross any water. Water should not go above footrests.

Remember that wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply them several times to let friction dry out the pads. Do not forget, on 2-UP models, allow greater distance for braking when you ride with a passenger.

**⚠ WARNING**



V00A0MQ

**POTENTIAL HAZARD**

Improperly operating in reverse.

**WHAT CAN HAPPEN**

You could hit an obstacle or person behind the vehicle, resulting in serious injury.

**HOW TO AVOID THE HAZARD**

When you select reverse gear, make sure there are no obstacles or people behind the vehicle. When it is safe to proceed, go slowly. On 2-UP models, take account that the passenger can obstruct your view.

**⚠ WARNING**

V00A00Q

**POTENTIAL HAZARD**

Operating this vehicle with improper tires, or with improper or uneven tire pressure.

**WHAT CAN HAPPEN**

Use of improper tires on this vehicle, or operation of this vehicle with improper or uneven tire pressure, may cause loss of control, tire blow outs, tire to move around on its rim, and increases the risk of an accident.

**HOW TO AVOID THE HAZARD**

Always use the size and type of tires specified further in this Operator's Guide for this vehicle.

Always maintain proper tire pressure as described further in this Operator's Guide.

Always replace wheels or tires that are damaged.

**⚠ WARNING**



V00A26Q

**POTENTIAL HAZARD**

Operating this vehicle with improper modifications.

**WHAT CAN HAPPEN**

Improper installation of accessories or modification of this vehicle may cause changes in handling which in some situations could lead to an accident.

**HOW TO AVOID THE HAZARD**

Never modify this vehicle through improper installation or use of accessories. All parts and accessories added to this vehicle should be approved by BRP and should be installed and used according to instructions. If you have questions, consult an authorized Can-Am dealer.

NEVER install passenger seat (1-UP models) or use the racks to carry a passenger.

Modification of the vehicle to increase speed and performance may violate the terms and conditions of your vehicle limited warranty. In addition, certain modifications including the removal of engine or exhaust components are illegal under most laws.

**⚠ WARNING**

V00A0PQ

**POTENTIAL HAZARD**

Overloading this vehicle or carrying or towing cargo improperly.

**WHAT CAN HAPPEN**

Could cause changes in vehicle handling which could lead to an accident.

**HOW TO AVOID THE HAZARD**

Never exceed the stated load capacity for this vehicle including operator and passenger (2-UP models), as well as other loads and added accessories.

Cargo should be properly distributed and securely attached.

Reduce speed when carrying cargo or pulling a trailer. Allow greater distance for braking.

Always follow the instructions in this Operator's Guide for carrying cargo or pulling a trailer.

**⚠ WARNING**



V03M01Q

**POTENTIAL HAZARD**

Transporting flammable or dangerous material can lead to explosions.

**WHAT CAN HAPPEN**

This can cause serious injury or death.

**HOW TO AVOID THE HAZARD**

Never transport flammable or dangerous material.

While reading this Operator's Guide, reminder that:

**⚠ WARNING**

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

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# RIDING THE VEHICLE

To fully appreciate the pleasures and excitement of riding this vehicle, there are some basic rules and tips that you **MUST** follow. Some may be new to you while others may be common sense or obvious.

Please take the time to study this Operator's Guide and all on-product warning labels as well as the *SAFETY VIDEO* that came with this vehicle. They more completely describe what you should know about this vehicle before riding it.

Whether you are a new user or an experienced rider, it is important for your personal safety as well as passenger safety that you know the controls and features of this vehicle. Equally important is knowing how to properly ride.

Information in this Operator's Guide is limited. It is strongly recommended that you obtain further information and training from your local authorities, ATV clubs or a recognized ATV training organization.

BRP recommends that no one under the age of 16 drives this vehicle. On 2-UP models, the passenger should be 12 years old or more and must be capable of keeping his feet on the footrests and his hands on the grab handles at all times when seated. For the child's safety, we strongly recommend you also follow and enforce this recommendation. You are the sole judge of a rider's capability to understand the risks and operate a vehicle safely.

Persons with cognitive or physical impairments or who are high risk takers have an increased exposure to overturns or collisions which may result in injury including death.

Not all vehicles are the same. Each has its own unique performance characteristics, controls and features. Each will ride and handle differently.

Become completely familiar with the operational controls and the general operation of the vehicle before venturing into off road conditions. Practice driving in a suitable area free of hazards and feel the response of each control. Drive at low speeds. Higher speeds require greater experience, knowledge and suitable riding conditions.

Riding conditions vary from place to place. Each is subject to weather conditions which may radically change from time to time and from season to season.

The vehicle handling, stability and braking distance may be affected when riding with a passenger. Safely reduce speed when riding with a passenger. Allow greater distance for braking. Remember, the operator is responsible for the safety of the passenger.

Riding on sand is different than riding on snow or through forests or marshes. Each location may require a greater degree of awareness and skill may not be suitable with a passenger. Show good judgement. Always proceed with caution. Please do not take any unnecessary risks that could leave you or your passenger stranded or possibly injured.

Never assume that the vehicle will go everywhere safely. Sudden changes in terrain caused by holes, depressions, banks, softer or harder "ground" or other irregularities may cause the vehicle to topple or become unstable. To avoid this, slow

down and always observe the terrain ahead. If the vehicle does begin to topple or tipover, the best advice is to immediately get off... AWAY from the direction of the tipover!

## Pre-Ride Inspection

### **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. See an authorized Can-Am dealer as necessary.

Before using this vehicle, the operator should always:

- Remove the vehicle lock.
- Apply parking brake and check if it operates properly.
- Check tire pressure and condition.
- Check wheels and bearings for wear and damage.
- Check location of controls and ensure they work properly.
- Verify if steering operates freely.
- Activate throttle control lever several times to ensure it operates freely. It must return to idle position when released.
- Activate the brake lever and brake pedal to make sure the brakes fully apply. Lever and pedal must fully return when released.
- Ensure transmission lever is working then reset in PARK position.
- Check fuel, oil and coolant levels.
- Check for oil leaks on the engine/ gearbox and drive system components.
- Clean headlights, turn signals and brake light.
- Ensure front access compartment cover and rear storage compartment cover are properly latched.
- Ensure that the operator's and either the passenger's seats or the storage box (2-UP models) are in place and properly latched.
- If you transport cargo, respect load capacity. Ensure cargo is properly secured to the racks.
- If you are pulling a trailer or other equipment, ensure it respects the tongue capacity and towing capacity. Ensure trailer is properly secured to hitch.
- Look and feel for loose parts while engine is off. Check fasteners.
- Ensure the path of travel is free of persons and obstacles.
- Check operation of ignition switch, engine start button, engine stop switch, headlights, taillight and indicator lights.

- Check operation of turn signal switch as well as hazard warning button.
- Start engine, remove parking and drive forward slowly a few feet and apply all brakes individually to test them.

### ***2-UP Models Only***

- Check passenger's seat and backrest condition.
- Check the grab handles condition.
- Educate the passenger concerning the basic rules for a safe ride.
- Make sure that the passenger, if carrying one, is seated on the designated passenger's seat.
- When storage box is installed (in place of rear seat), check if it is latched properly.

**Correct any problem you may have found before riding. See an authorized Can-Am dealer if necessary.**

## **Clothing**

Actual weather conditions should help you decide how to dress. However, it is important that the operator and the passenger always wears the appropriate protective clothing and apparel, including an approved helmet, eye protection, boots, gloves, a long sleeved shirt and pants. The passenger should have an approved helmet including a rigid chin guard. This type of clothing will provide you protection from some of the minor hazards you may encounter en route. The operator and passenger must never wear loose clothing such as a scarf that may get entangled in the vehicle or on tree branches and shrubs. Depending on conditions, antifogging goggles or sunglasses may be required. Different colored lenses available for goggles or sunglasses help you distinguish terrain variations. Sunglasses should only be worn during the daytime.



## Carrying Loads/Passenger

Any load carried on the vehicle and/or the carrying rack(s) will affect the stability and control of the vehicle. For this reason, do not exceed the load limits of the vehicle manufacturer (see table). Always make sure the load is secured and cannot interfere with your proper control. Always be aware that the “load” may slide or fall off and create an accident. Avoid loads that may protrude sideways and get snagged or caught in brush or other obstacles. Avoid covering and obstructing the headlight or brake light with the cargo.

### *Vehicles Equipped with Storage Compartments*

Always make sure any storage compartment latches are closed. If a removable compartment cover is removed to carry a load, make sure that the load is secure and that smaller objects cannot “fly out”. Secure compartment covers.

**1-UP Models**

This vehicle is designed to carry ONE (1) operator only. Do not install passenger seats or use the racks to carry a passenger.

**2-UP Models**

This vehicle is designed specifically to carry an operator and ONE (1) passenger only. The passenger must be seated on the designated passenger's seat and hold on to the grab handles at all times. NEVER install other passenger's seat other than the one recommended by BRP. Do not use the racks or their location to carry passenger(s). Carrying more than one (1) passenger may affect the stability and your control of the vehicle. When the storage box is installed (in place of rear seat), the vehicle becomes a ONE-RIDER vehicle (1-UP model) and NO PASSENGER must be allowed on it.


**WARNING**

The vehicle handling, stability and braking distance are affected when loading racks and using the vehicle. Correct loading and weight distribution are therefore important. Never overload, tow or carry cargo improperly. Always ensure the cargo is safely secured and properly distributed on the rack(s) before operating the vehicle. Safely reduce speed according to terrain conditions when carrying cargo or pulling a trailer. Allow greater distance for breaking. Always secure cargo as low as possible on the rack(s) to reduce the effect of a higher center of gravity. Failure to follow the recommendations here could cause changes in vehicle handling which could lead to an accident resulting in severe injuries including the possibility of death.

When transporting cargo on the vehicle, respect these maximum loads.

MAXIMUM LOADS				
Total load allowed	1-UP models	500	227 kg	Includes weight of operator, passenger, cargo, accessories and trailer tongue weight.
		650/800	235 kg	
	2-UP models	500	235 kg	
		650/800	272 kg	
Front load			45 kg	Evenly distributed.
Rear load			90 kg	Evenly distributed. Includes rear rack, rear storage box and tongue load.

## Hauling a Trailer

Riding this vehicle with a trailer substantially increases the risk of toppling, especially on inclined slopes. If a trailer is used make sure that its hitch is compatible with the one on the vehicle. Make sure the trailer is horizontal with the vehicle. (In some instances a special extension may have to be installed on the vehicle hitch). Use security chains to secure the trailer with the vehicle. This vehicle may require additional stopping distance if hauling heavy loads, especially on inclined surfaces and when a passenger (2-UP models) is on board. Be careful not to skid or slide. When stopped or parked, block the vehicle and trailer wheels from possible movement. Always make sure load is evenly distributed on the trailer. Use caution when disconnecting a loaded trailer; it or its load may topple on you or others. Do not turn at high speeds. Always use low gear range and slow down a lot.

## Working with your Vehicle

Your vehicle can help you perform a number of different LIGHT tasks ranging from snow removal to pulling wood or carrying cargo. A variety of accessories are available from your authorized Can-Am dealer. However, always respect the load and capacities of the vehicle. Overloading of the vehicle can overstress the components and cause failure. To prevent possible injury, it is equally important to follow the instructions and warnings that accompany the accessory. Avoid any physical exertion through lifting or pulling of heavy loads or manpowering the vehicle. (Continue to read *RECREATIONAL RIDING* below.)

## Recreational Riding

Respect the rights and limitations of others. Stay away from areas designated for other types of off road use. This includes snowmobile trails, equestrian trails, cross country ski trails, mountain bike trails, etc. Never assume there are no other users on the trail. Always stay to the complete right of the trail and do not zig zag to one side of the trail then the other. Be prepared to stop or pull off to the side if another trail user appears in front of you.

Join a local ATV club. It will provide you with a map and advice or inform you where you can ride. If a club does not exist in your area, help to start one. Group riding and club activities provide a pleasurable, social experience.

Always keep a safe distance from other riders. Your judgment of speed, terrain conditions, weather, mechanical condition of your vehicle and the "trust in judgment" you have in others around you will help you make a better choice of appropriate safe distance. This vehicle, like any other motorized vehicle, cannot stop "on a dime". On 2-UP models, the vehicle handling, stability and braking distance may be affected when riding with a passenger. Safely reduce speed when riding with a passenger. Allow greater distance for braking.

Always operate this vehicle at low speed, do not exceed 65 km/h, and reduce the speed before making a turn when the vehicle is operated on the roadway.

Before you ride, tell someone where you are planning to travel and your expected time of return. Never consume alcohol or drugs before or while riding!

Depending on the length of your ride, carry additional tools or emergency equipment. Find out where you can get additional gasoline and oil. Be prepared for the possible conditions you may encounter. An emergency first aid kit should always be a consideration.

## **Environment**

One of the benefits of this vehicle is that it can take you off the beaten path away from most communities. However, you should always respect nature and the rights of others to enjoy it. Do not ride in environmentally sensitive areas. Do not drive over forest crops or shrubs... nor cut down trees or take down fencing... nor spin your wheels and destroy the terrain. "Tread Lightly".

Chasing wildlife is in many areas illegal. Wildlife can die of exhaustion after being chased by a motorized vehicle. If you encounter animals on the trail, stop and observe quietly and with caution. It will be one of the better memories of your life.

Observe the rule... "what you take in, carry out". Do not litter. Do not start campfires unless you have permission to do so... and then only... away from dry areas. The hazards you may create on the trail may cause injury to others or yourself, even at a later date.

Respect farm lands. Always obtain the permission of the landowner before riding on private land. Respect crops, farm animals and property lines. If you come to a closed a gate, close it again behind you.

Finally, do not pollute streams, lakes or rivers and do not modify the engine or muffling system, or remove any of its components.

## **Design Limitation**

Although the vehicle is exceptionally rugged for its class, it is still a light vehicle by definition and its operation must be restricted to its proper purpose.

The addition of weight to any part of the vehicle changes its gravitational stability and modifies its performance.

## **Off-Highway Operation**

The very nature of off-highway operation is dangerous. Any terrain, which has not been specially prepared to carry vehicles, presents an inherent danger where angularity, terrain substance and exact steepness are unpredictable. The terrain itself presents a continual element of danger, which must be knowingly accepted by anyone venturing over it.

An operator who takes a vehicle off-road should always exercise the utmost care in selecting the safest path and keeping close watch on the terrain ahead of him. On no account should the vehicle be operated by anyone who is not completely familiar with the driving instructions applicable to the vehicle, nor should it be operated on steep or treacherous terrain.

## **General Operating and Safety Precautions**

Care, caution, experience and driving skill are the best precautions against the hazards of vehicle operation.

Whenever there is the slightest doubt that the vehicle can safely negotiate an obstacle or a particular piece of terrain, always choose an alternate route.

In off-road operation, power and traction, not speed, are important. Never drive faster than visibility and your own ability to select a safe route permit.

Constantly watch the terrain ahead for sudden changes in slopes or obstacles, such as rocks or stumps, that may cause loss of stability, resulting in tipover or rollover.

On 2-UP models, the vehicle handling, stability and braking distance may be affected when riding with a passenger. Safely reduce speed when riding with a passenger. Allow greater distance for braking.

Never operate the vehicle if the controls do not function normally.

When operating in reverse, check that the path behind the vehicle is free of people or obstacles. Proceed slowly and avoid sharp turns. When riding on a 2-UP models, take into account that the passenger can obstruct your view. Disembark him if necessary.

When stopped or parked, always apply the parking brake. This is especially important when parking on a slope. On very steep inclines or if the vehicle is carrying cargo, the wheels should be blocked using rocks or bricks. Remember to turn the fuel valve to the closed position.

For the users in the European Community, it is mandatory to remove the winch hook (if so equipped) to operate the vehicle on the roadway. Failure to follow this requirement could cause additional injuries including the possibility of death if an accident occurs.

### **Uphill Driving**

Due to configuration, this vehicle has excellent climbing ability, so much so that tipover is possible before traction is lost. For example, it is common to encounter terrain situations where the top of the hill has eroded to a point that the hill peak rises very sharply. The vehicle can readily negotiate such a condition, however, in doing so, when the front of the vehicle is driven to a point that the vehicle's balance changes rearward tipover can occur.

The same situation may apply if an embedded object causes the front of the vehicle to climb more than desired. If such a situation occurs take an alternate route. Be aware of side hilling dangers when doing so.

It is also wise to know the terrain condition on the other side of the hill or bank. All too often there exists a sharp drop-off that is impossible to negotiate or descend.

### **Downhill Driving**

This vehicle can climb steeper ropes than it can descend safely. Therefore, it is essential to assure that a safe route exists to descend a slope before you climb it.

Decelerating while negotiating a slippery downhill slope could “toboggan” the vehicle. Maintain steady speed and/or accelerate slightly to regain control.

### **Side Hilling**

Whenever possible, such operation should be avoided. If necessary, do so with extreme caution. Always disembark the passenger before performing this operation. Side hilling on steep inclines could result in rollover. In addition, slippery or unfirm surfaces could result in uncontrollable side sliding. Do not attempt to turn the vehicle downhill with the slide. Avoid all objects or depressions that will intensify the raising of one side of the vehicle higher than the other, thus causing rollover.

### **Drop-Offs**

This vehicle will “bottom-out” and usually stop if either the front or rear wheels are driven over a drop-off. If the drop is sharp or deep, the vehicle will nose dive and tipover.



## **WARNING**

**Avoid negotiating drop-offs. Reverse and select an alternate route.**

### **Riding Techniques**

Riding your vehicle too fast for the conditions may result in injury. Apply only enough throttle to proceed safely. Statistics show that high speed turns usually result in mishaps and injury. Always remember that this vehicle is heavy! Its pure weight alone may entrap you should it fall and pin you down.

This vehicle is not designed for jumping nor can it, or you, absorb the energy of high impacts such as jumping. Performing “wheelies” can cause the vehicle to flip over onto you. Both practices have a high risk for you and your passenger (2-UP models) and should be avoided at all times.

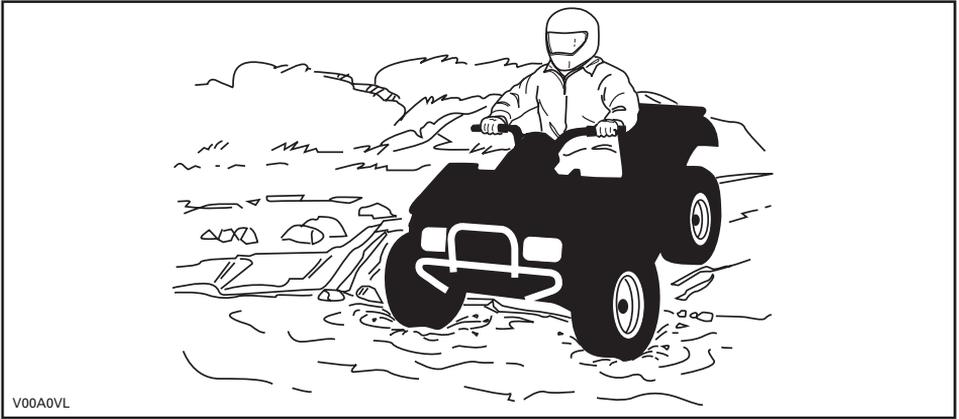
To maintain proper control it is strongly advised that you keep your hands on the handlebar and within easy reach of all controls. The same holds true for your feet. To minimize the possibility of any leg or foot injury, keep your feet on the footrests at all times. Do not direct your toes outwards nor place your foot out to assist turning as they can be hit or snagged by passing obstacles or may contact the wheels. When riding on a 2-UP models, your passenger must keep his hands on grab handles and his feet on footrests at all times.



Even though there is an adequate suspensions system on this vehicle there are “washboard” or rough terrain conditions that will make you feel uncomfortable and even cause back injury. “Posting” or riding in a crouched position will often be required. Slow down and allow your flexed legs to absorb impact.

If a road usage is allowed in your area, operate your vehicle on paved surfaces only for short distance and for the only purpose of moving the vehicle from an off-road usage to another. Always operate your vehicle at low speed (never exceed 65 km/h) and reduce the speed before making a turn. Always respect all road traffic laws when operating your vehicle on public roads or streets. If you have to cross a road, the lead driver should get off his vehicle, then observe and give directions to the other riders. The last person after crossing then assists the lead driver to cross. Do not travel sidewalks. They are designated for pedestrian use.

Water can be a unique hazard. If it is too deep the vehicle may “float” and topple. Check the water depth and current before you attempt to cross any water. Water should not go above the footrest. Be wary of slippery surfaces such as rocks, grass, logs, etc., both in the water and on its banks. A loss of traction may occur. Do not attempt to enter the water at high speed. The water will act as a brake and could throw you off the vehicle, on the ground.



Water will affect the braking ability of your vehicle. Make sure you dry the brakes by applying them several times after the vehicle leaves the water. On 2-UP models, the vehicle braking distance may be affected when riding with a passenger. Safely reduce speed when riding with a passenger. Allow greater distance for braking.

Mud or marsh lands may be encountered near water. Be prepared for sudden "holes" or changes in depth. Similarly so, be watchful of hazards such as rocks, logs, etc., partially covered by vegetation.

If your trip crosses frozen waterways, make sure that the ice is thick enough and sound enough to support the total weight of yourself, your passenger (2-UP models), the vehicle and its load. Be ever watchful of open water... it is a sure indication that the ice thickness will vary. On 2-UP models, the operator is responsible for the safety of the passenger. If in doubt, do not attempt to cross.

Ice will also affect the control of the vehicle. Slow down and do not "gun" the throttle. This will only result in spinning of the tires and possible tipover of the vehicle. Avoid rapid braking. This again will possibly result in an uncontrolled slide and tipover of the vehicle or passenger ejection (2-UP models). Slush should be avoided at all times since it could block the operation or controls of the vehicle. When riding on a 2-UP models, never attempt this maneuver with a passenger. Always remember that the vehicle handling and stability may be affected when riding with a passenger.

Riding in snow may affect the brakes stopping ability. Safely reduce speed and allow greater distance for braking. Snow projection may cause ice build up or snow accumulation on brake components and controls. Apply brakes frequently to prevent ice or snow accumulation. Carefully inspect the brake system before each ride and always keep brake pedal, footrests, floor boards and brake levers free of snow and ice.

Sand and riding on sand dunes or on snow is another unique experience but there are some basic precautions that should be observed. Wet, deep or fine sand/snow may create a loss of traction and cause the vehicle to slide, drop off or become "bogged" down. If this occurs look for a firmer base. Again, the best advice is to slow down and be watchful of the conditions. When you ride with a passenger (2-UP models), drive slowly.

When riding in sand dunes it is advisable to equip the vehicle with an antenna type safety flag. This will help make your location more visible to others over the next sand dune. Proceed carefully should you see another safety flag ahead. Since the antenna type safety flag can snag and rebound on your body if caught, do not use it in areas where there are low hanging branches or obstacles. Always remember when riding on a 2-UP model that the vehicle handling and stability may be affected when riding with a passenger.

Riding on loose stones or gravel is very similar to riding on ice. They will affect the steering of vehicle... possibly causing it to slide or cause passenger ejection (2-UP models) and tipover especially at high speeds. In addition, braking distance may be affected. Remember that "gunning" the throttle or sliding may cause loose stones to be ejected rearwards into the path of another rider's way. Never do it deliberately. Always remember on a 2-UP models that vehicle handling, stability and braking distance may be affected when riding with a passenger.



If you do get into a slide or skid, it may help to turn the handlebar into the direction of the skid until you regain control. Never jam the brakes and lock the wheels.

Respect and follow all posted trail signs. They are there to help you and others.

Obstacles in the "trail" should be traversed with caution. This includes loose rocks, fallen trees, slippery surfaces, fences, posts, and embankments and depressions. You should avoid them whenever possible. Remember that some obstacles are too large or dangerous to cross and should be avoided. When riding on 2-UP models, the operator is responsible for the safety of the passenger and in

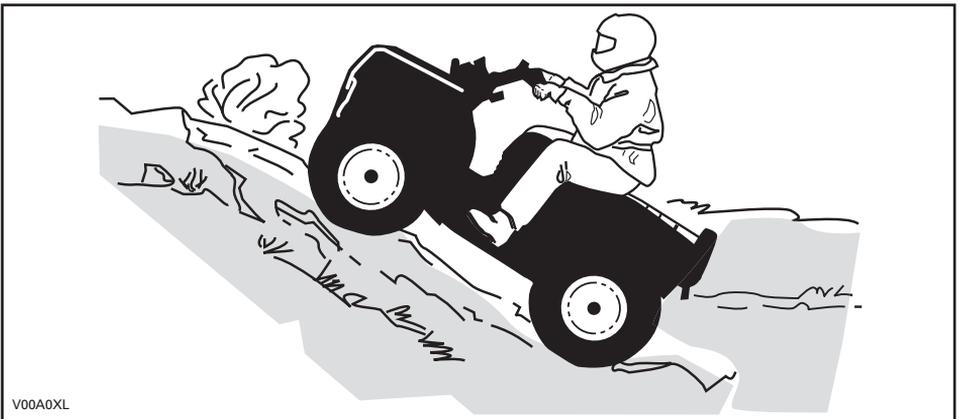
doubt, disembark him before getting through the obstacles. Small rocks or fallen trees may be safely crossed... approach at a 90° angle. Stand on the footrests while keeping your knees flexed. Adjust speed without losing momentum and do not "gun" the throttle. Hold handlebar or grab handles firmly. Place operator and passenger (2-UP models) body weight rearwards and proceed. Do not try to lift the vehicle front wheels off the ground. Be aware that the object may be slippery or may move while crossing.

When driving on hills or slopes two things are highly important... be prepared for slippery surfaces or terrain variations and obstacles and... use proper body positioning. When riding on 2-UP models, the operator is responsible for the safety of the passenger and in doubt, disembark him before getting through the obstacles.

## Uphill

### *1-UP Models*

Keep your body weight forward towards the top of the hill. Keep your feet on the footpegs and shift into low gear then accelerate and when necessary, change gear quickly as you climb. Do not over-speed since this may cause the front of the vehicle to lift from the ground and fall back on you. If the hill is too steep and you cannot proceed or the vehicle begins to roll backwards, apply the brake, being careful not to slide. Dismount then use the "U" turn or "K" turn (while walking back, next to the vehicle on the up hill side and with a hand on the brake lever, slowly back the rear of the vehicle toward the top of the hill then drive downhill). Always walk or dismount on the upside of the slope while keeping clear of the vehicle and its rotating wheels. Do not try to hold on to the vehicle if it begins to topple. Stay clear. Do not ride over the crest of the hill at high speed. Obstacles, including sharp drop-offs, may exist.



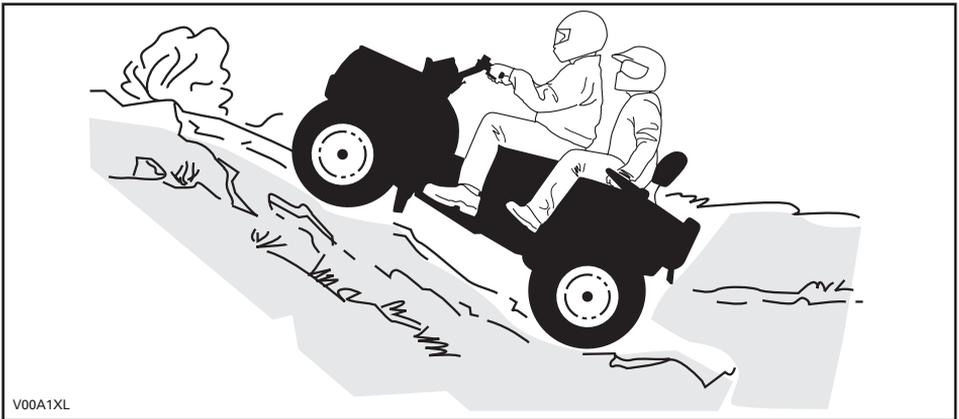
V00A0XL

## 2-UP Models

Do not forget, the operator is responsible for the safety of the passenger. In doubt, disembark him before climbing hill. Always remember that the vehicle handling, stability and braking distance may be affected when riding with a passenger.

If you decide to keep your passenger, he must synchronize his movements with yours.

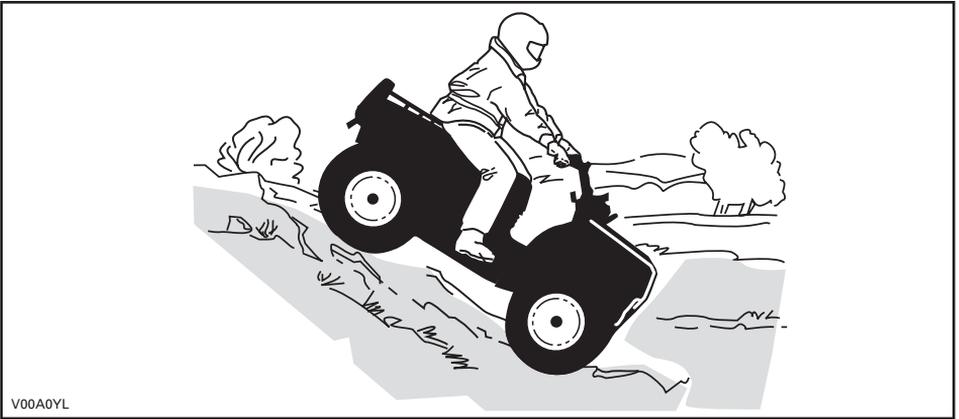
Operator and passenger must keep their body weight forward, towards the top of the hill. Keep feet on the footrests and shift into low gear then accelerate and when necessary, change gear quickly as you climb. Do not over-speed since this may cause the front of the vehicle to lift from the ground and fall back on you. If the hill is too steep and you cannot proceed or the vehicle begins to roll backwards, apply the brake, being careful not to slide. Dismount, passenger first, then use the "U" turn or "K" turn (while walking back, next to the vehicle on the up hill side and with a hand on the brake lever, slowly back the rear of the vehicle toward the top of the hill then drive downhill). Always walk or dismount on the upside of the slope while keeping clear of the vehicle and its rotating wheels. Do not try to hold on to the vehicle if it begins to topple. Stay clear. Do not ride over the crest of the hill at high speed. Obstacles, including sharp drop-offs, may exist. The passenger should get on the vehicle only when the vehicle has returned to a safe location.



## Downhill

### 1-UP Models

Keep your body weight rearwards. Apply the brake gradually to prevent skidding. Do not "coast" down the slope using solely engine compression or in neutral gear.

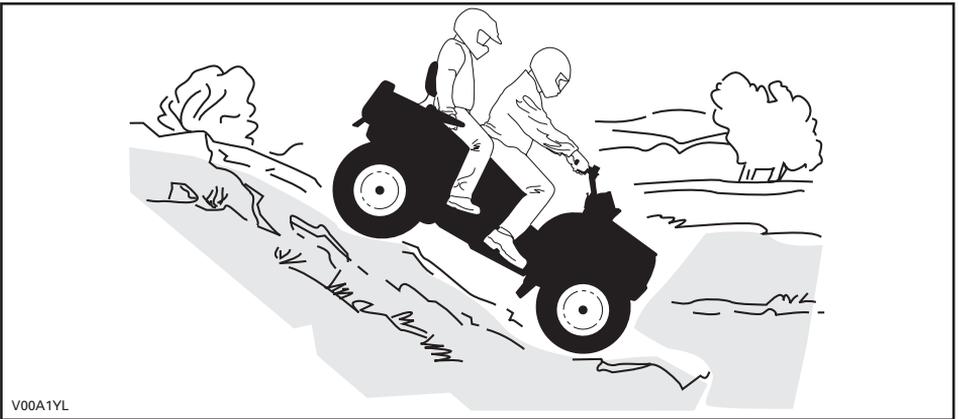


### ***2-UP Models***

Do not forget, the operator is responsible for the safety of the passenger. In doubt, disembark him before going down the hill. Always remember that the vehicle handling, stability and braking distance may be affected when riding with a passenger.

If you decide to keep your passenger, he must synchronize his movements with yours.

Operator and passenger must keep their body weight rearwards. Apply the brake gradually to prevent skidding. Do not "coast" down the slope using solely engine compression or in neutral gear.



## Side Hilling

### 1-UP Models

This is one of the **most risky** types of riding since it may drastically change the balance of the vehicle. It should be avoided wherever possible. If it is necessary to do so however, it is important that you **ALWAYS** keep your body weight on the upside of the slope... and be prepared to dismount on that side should the vehicle begin to topple. **Do not try to stop or save the vehicle from damage.**

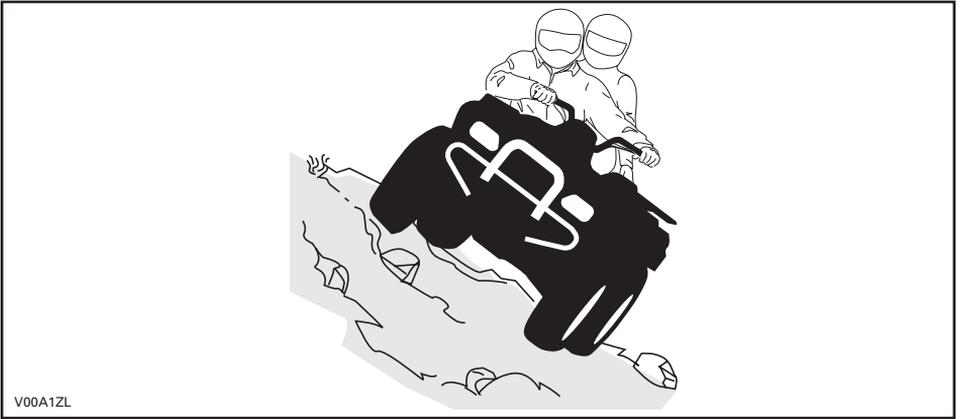


### 2-UP Models

Do not forget, the operator is responsible for the safety of the passenger. In doubt, disembark him before proceeding. Always remember that the vehicle handling, stability and braking distance may be affected when riding with a passenger.

If you decide to keep your passenger, he must synchronize his movements with yours.

This is one of the **most risky** types of riding since it may drastically change the balance of the vehicle. It should be avoided wherever possible. If it is necessary to do so however, it is important that you **ALWAYS** keep your body weight on the upside of the slope... and be prepared to dismount on that side should the vehicle begin to topple. **Do not try to stop or save the vehicle from damage.**



While reading this Operator's Guide, reminder that:

**⚠ WARNING**

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

# HANG TAG

This vehicle comes with a hang tag and labels containing important safety information.

Any person who rides this vehicle should read and understand this information before riding.

## 1-UP Models

### **G** **GENERAL USE MODEL**

**THIS ATV IS FOR  
RECREATIONAL USE OR UTILITY USE**

**OPERATOR ONLY-NO PASSENGERS**

**NO OPERATOR UNDER AGE 16**

TRAINING COURSES TO TEACH ATV RIDING SKILLS  
ARE AVAILABLE. FOR INFORMATION CONTACT  
YOUR DEALER.

CHECK WITH YOUR DEALER TO FIND OUT ABOUT  
STATE OR LOCAL LAWS REGARDING ATV  
OPERATION.

**THIS HANGTAG IS NOT TO BE REMOVED BEFORE SALE.**

### **! WARNING**

Improper ATV use can result in SEVERE INJURY or DEATH.



ALWAYS USE  
AN APPROVED  
HELMET AND  
PROTECTIVE  
GEAR.



NEVER CARRY  
PASSENGERS.



NEVER USE UNDER  
THE INFLUENCE OF  
DRUGS OR ALCOHOL.

#### NEVER operate:

- without proper training or instructions.
- at speeds too fast for your skills or the conditions.
- with a passenger - passengers affect balance and steering and increase risk of losing control.

#### ALWAYS:

- use proper riding techniques to avoid vehicle overturns on hills and rough terrain and in turns.
- be careful on paved surfaces - pavement may seriously affect handling and control.

LOCATE AND READ OPERATOR'S GUIDE.  
FOLLOW ALL INSTRUCTIONS & WARNINGS.

vmo2009-003-003\_aen

## 2-UP Models

## G GENERAL USE MODEL

THIS ATV IS FOR  
RECREATIONAL USE OR UTILITY USE.

**NO OPERATOR UNDER AGE 16**

**TRAINING COURSES TO TEACH  
ATV RIDING SKILLS ARE AVAILABLE.  
FOR INFORMATION CONTACT  
YOUR DEALER.  
MAKE SURE TO WATCH SAFETY VIDEO.**

**CHECK WITH YOUR DEALER TO  
FIND OUT ABOUT STATE OR LOCAL  
LAWS REGARDING ATV  
OPERATION.**

**This hangtag is not to be removed before sale.**

## ⚠ WARNING

Improper use can result in SEVERE INJURY or DEATH



ALWAYS USE  
AN APPROVED  
HELMET AND  
PROTECTIVE  
GEAR FOR DRIVER  
AND PASSENGER



NEVER CARRY  
MORE THAN  
1 PASSENGER.



NEVER USE UNDER  
THE INFLUENCE OF  
DRUGS OR ALCOHOL.

### NEVER operate:

- without proper ATV training or instructions.
- at speeds too fast for your skills or the conditions.

### THE OPERATOR MUST ALWAYS:

- use proper riding techniques to avoid overturns on hills and rough terrain and in turns.
- be careful on paved surfaces - pavement may seriously affect handling and control.
- reduce speed and use extra caution at all times when carrying a passenger - dismount passenger when conditions require.
- make sure passenger reads and understands this label and passenger safety label.

**LOCATE AND READ OPERATOR'S GUIDE.  
FOLLOW ALL INSTRUCTIONS & WARNINGS.**

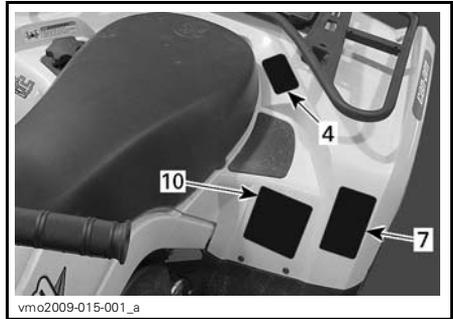
**This hangtag is not to be removed before sale.**

vmo2009-011-205\_aen

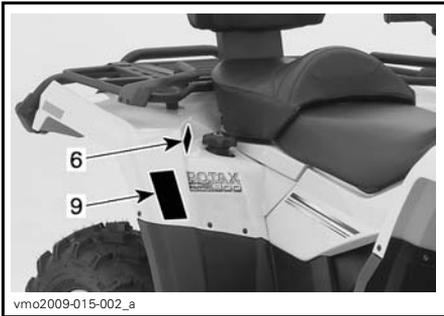
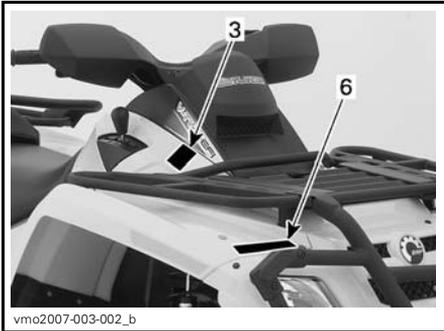
# IMPORTANT ON-PRODUCT LABELS

The following labels are on your vehicle and they should be considered permanent parts of the vehicle. If missing or damaged, they can be replaced free of charge. See an authorized Can-Am dealer.

**NOTE:** The following illustrations used in this Operator's Guide are a general representation only. Your model may differ.



TYPICAL



TYPICAL





vmo2007-003-007\_a

**⚠ WARNING**

Improper use can result in SEVERE INJURY or DEATH.



ALWAYS USE AN APPROVED HELMET AND PROTECTIVE GEAR FOR DRIVER AND PASSENGER.



NEVER CARRY MORE THAN 1 PASSENGER.



NEVER USE UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.

**NEVER operate:**

- without proper ATV training or instructions.
- at speeds too fast for your skills or the conditions.
- With a passenger unless passenger seat is securely in place.

**THE OPERATOR MUST ALWAYS:**

- use proper riding techniques to avoid overruns on hills and rough terrain and in turns.
- be careful on paved surfaces - pavement may seriously affect handling and control.
- reduce speed and use extra caution at all times when carrying a passenger - dismount passenger when conditions require.
- make sure passenger reads and understands this label and passenger safety label.

**LOCATE AND READ OPERATOR'S GUIDE. FOLLOW ALL INSTRUCTIONS & WARNINGS.**

vmo2009-011-200\_aen

**2-UP MODELS**

**⚠ WARNING**

Improper ATV use can result in SEVERE INJURY or DEATH.



ALWAYS USE AN APPROVED HELMET AND PROTECTIVE GEAR.



NEVER CARRY PASSENGERS.



NEVER USE UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.

**NEVER operate:**

- without proper training or instructions.
- at speeds too fast for your skills or the conditions.
- with a passenger - passengers affect balance and steering and increase risk of losing control.

**ALWAYS:**

- use proper riding techniques to avoid vehicle overruns on hills and rough terrain and in turns.
- be careful on paved surfaces - pavement may seriously affect handling and control.

**LOCATE AND READ OPERATOR'S GUIDE. FOLLOW ALL INSTRUCTIONS & WARNINGS.**

vmo2009-003-007\_aen

**LABEL 1: 1-UP MODELS**

**⚠ WARNING**



Operating this ATV if you are under the age of 16 increases your chance of SEVERE INJURY or DEATH.

**NEVER** operate this ATV if you are under age 16.

704 900 011

V01M02Z

**LABEL 2: 1-UP MODELS**

**⚠ WARNING**

**OPERATOR UNDER 16**

Operating this ATV if you are under the age 16 increases the chance of SEVERE INJURY or DEATH to both operator and passenger.

NEVER operate this vehicle if you are under the age 16.

vm02009-011-203\_aen

2-UP MODELS

**CAUTION**

- ATV MUST be stopped before shifting lever.
- Always apply foot brake to shift from Park(P) and Neutral(N).

704 900 470

V07M06Y

LABEL 3

**⚠ WARNING**

**NEVER** ride as a passenger. Passengers can cause a loss of control, resulting in SEVERE INJURY or DEATH.

704 900 005

V01M07Z

LABEL 4: 1-UP MODELS

**⚠ WARNING**

PASSENGER SAFETY to reduce the risk of SEVERE INJURY OR DEATH



NEVER CARRY MORE THAN 1 PASSENGER.



NEVER USE UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.

NEVER carry a passenger too small to firmly plant feet on footrests and securely grasp hand holds.

**THE PASSENGER MUST ALWAYS:**

- use an approved helmet and protective gear.
- securely grasp hand holds and plant feet firmly on footrests while seated in the passenger seat.
- tell operator to slow down or stop if uncomfortable - get off and walk if conditions require.

vm02009-011-201\_aen

2-UP MODELS

**⚠ WARNING**

Improper loading of a trailer may cause loss of vehicle control, resulting in severe injury or death.

- Maximum towing capacity (D): X.XX kN
- Maximum tongue weight (S): XX kg

vm02009-011-202

LABEL 5



**⚠ WARNING**

- NEVER carry a passenger on this cart.
- MAXIMUM FRONT LOAD: X lb (X kg) evenly distributed.
- MAXIMUM REAR LOAD: X lb (X kg) evenly distributed. (includes trailer tongue weight if applicable).

704 901 089

vm02006-005-010\_en

LABEL 6

**WARNING**

**This warning applies only in European Countries where on road usage is allowed.**

**On Road Use**

This ATV is built for "OFF ROAD" purposes only. It may be used for short distances on paved surfaces at reduced speed, in order to move the vehicle from an off road location to another.

When driving this ATV on roads, always refrain from speeding and substantially reduce vehicle speed when turning.

Failure to do so can cause a loss of vehicle control, possibly resulting in serious injury or death.

**Front Winch**

The front winch hook of the so equiped ATV's must be removed and stored when riding the vehicle on public trails and/or roads.

Failure to do so can increase the risk of injury to bystanders.

704 900 400

V01M0PY

LABEL 7

**EMISSION CONTROL INFORMATION**

THIS VEHICLE IS CERTIFIED TO OPERATE ON UNLEADED GASOLINE AND MEETS TO [XXXX] U.S. EPA AND CALIFORNIA REGULATIONS FOR ATV SI ENGINES.

ENGINE FAMILY	XXXXX.XXXXXX	FAMILLE DE MOTEUR
CERTIFICATION STANDARD (FEL)	XXXXXXXXXXXXXXXX	LIMITE DES ÉMISSIONS DE LA FAMILLE
ENGINE DISPLACEMENT	XXXXXXXXXX	CYLINDRÉE
EXHAUST EMISSION CONTROL SYSTEM	XXXX	SYSTÈME DE CONTRÔLE DES ÉMISSIONS

**RENSEIGNEMENTS SUR LE DISPOSITIF ANTIPOLLUTION**

CE VÉHICULE EST CERTIFIÉ POUR FONCTIONNER À L'ESSENCE SANS PLOMB ET IL RÉPOND AUX NORMES [XXXX] DE L'EPA ET RÉGLEMENTATIONS CALIFORNIENNES POUR LES VTT À MOTEUR SI.

SEE OPERATOR'S GUIDE FOR MAINTENANCE SPECIFICATIONS  
VOIR GUIDE DU CONDUCTEUR POUR LES SPÉCIFICATIONS D'ENTRETIEN

**BOMBARDIER RECREATIONAL PRODUCTS INC.**

704901120

vmo2007-002-002

LABEL 8: LOCATED UNDER SEAT ON THE UPPER BAR OF FRAME

(DA)	FIND OG LÆS BRUGERVEJLEDNINGEN. OVERHOLD ALLE INSTRUKTIONER OG ADVARSLER.
(NL)	ZOEK DE GEBRUIKERSHANDLEIDING OP EN LEES HEM. HOUD U AAN ALLE AANWIJZINGEN EN WAARSCHUWINGEN.
(FR)	LOCALISER ET LIRE LE GUIDE DE L'OPÉRATEUR. SUIVRE TOUS LES CONSIGNES ET AVERTISSEMENTS.
(FI)	PAKAINNA JA LUE KÄYTTÄJÄN OPAS. NUODATA KAKKIA KÄYTTÖOHJEITA JA VAROITUKSIA.
(DE)	BETRIEBSANLEITUNG AUSFINDIG MACHEN UND LESEN. ALLE ANWEISUNGEN UND WARNHINWEISE BEFOLGEN.
(EL)	ΒΡΕΙΤΕ ΚΑΙ ΔΙΑΒΑΣΤΕ ΤΟΝ ΟΔΗΓΟ ΧΕΙΡΕΣΤΗ. ΑΚΟΛΟΥΘΗΣΤΕ ΟΛΕΣ ΤΙΣ ΟΔΗΓΙΕΣ ΚΑΙ ΓΡΟΙΕΛΟΓΙΟΤΗΣΕΙΣ.
(IT)	LEGGERE IL MANUALE DELL'OPERATORE. SEGUIRE TUTTE LE ISTRUZIONI E AVVERTENZE.
(PT)	LOCALIZAR E LER O GUIA DE OPERAÇÃO. OBSERVAR TODAS AS INSTRUÇÕES E MENSAGENS DE AVISO.
(ES)	UBICAR Y LEER LA GUÍA DEL OPERADOR. ATENERSE A TODAS LAS INSTRUCCIONES Y MENSAJES DE ADVERTENCIA.
(SV)	TA REDA PÅ INSTRUKTIONSBOKEN OCH LÄS DEN. UPPMÄRKSAMMA ALLA ANVISNINGAR OCH VARNINGAR.

704 901 177

vmo2006-014-003\_a

LABEL 9

**WARNING**

<p>Improper tire pressure or overloading can cause loss of control, resulting in SEVERE INJURY or DEATH.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">LOAD</th> <th style="text-align: left;">COLD TIRE PRESSURE</th> </tr> <tr> <td style="text-align: left;">UP TO XXX kg (XXX lb)</td> <td style="text-align: left;">FRONT MAX: XX.X kPa (X.X psi) MIN: XX.X kPa (X.X psi)</td> </tr> <tr> <td></td> <td style="text-align: left;">REAR MAX: XX.X kPa (X.X psi) MIN: XX.X kPa (X.X psi)</td> </tr> </table>	LOAD	COLD TIRE PRESSURE	UP TO XXX kg (XXX lb)	FRONT MAX: XX.X kPa (X.X psi) MIN: XX.X kPa (X.X psi)		REAR MAX: XX.X kPa (X.X psi) MIN: XX.X kPa (X.X psi)
LOAD	COLD TIRE PRESSURE						
UP TO XXX kg (XXX lb)	FRONT MAX: XX.X kPa (X.X psi) MIN: XX.X kPa (X.X psi)						
	REAR MAX: XX.X kPa (X.X psi) MIN: XX.X kPa (X.X psi)						

**ALWAYS** maintain proper tire pressure as shown. Inflate at max pressure when loaded with cargo.

**NEVER** set the pressure below minimum. It could cause the tire to dislodge from the rim.

**NEVER** exceed the vehicle load capacity of XXX kg (XXX lb) including weight of operator, passenger, cargo, accessories and trailer tongue weight.

**ATV LOADING and TRAILER TOWING**

- Cargo/passenger loading or trailer towing can affect stability and handling. Load must be properly distributed on racks.
- When loaded with cargo or a passenger or towing a trailer:
  - reduce speed.
  - allow more distance to stop.
  - avoid hills and rough terrain.

704901120

vmo2006-008-004\_aen

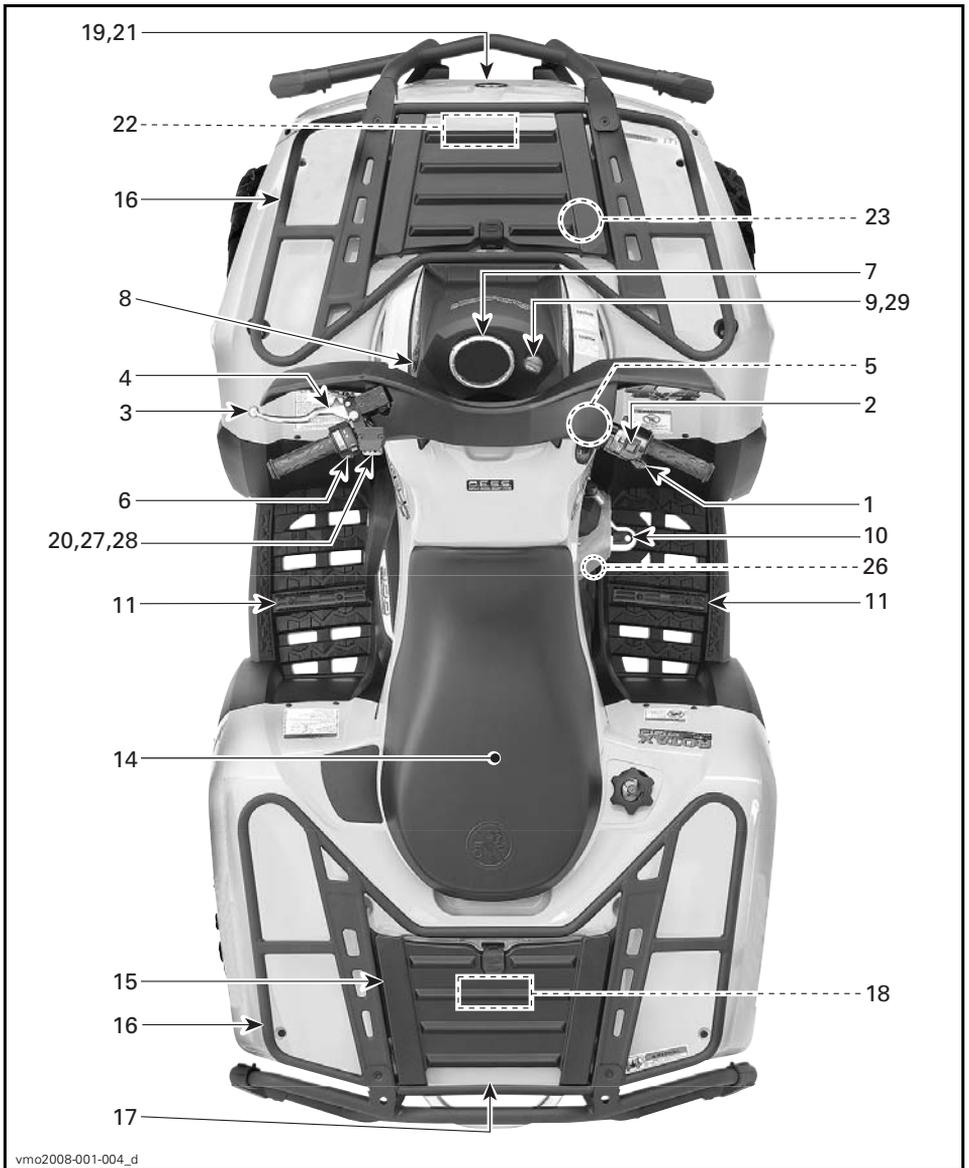
LABEL 10



# ***VEHICLE INFORMATION***

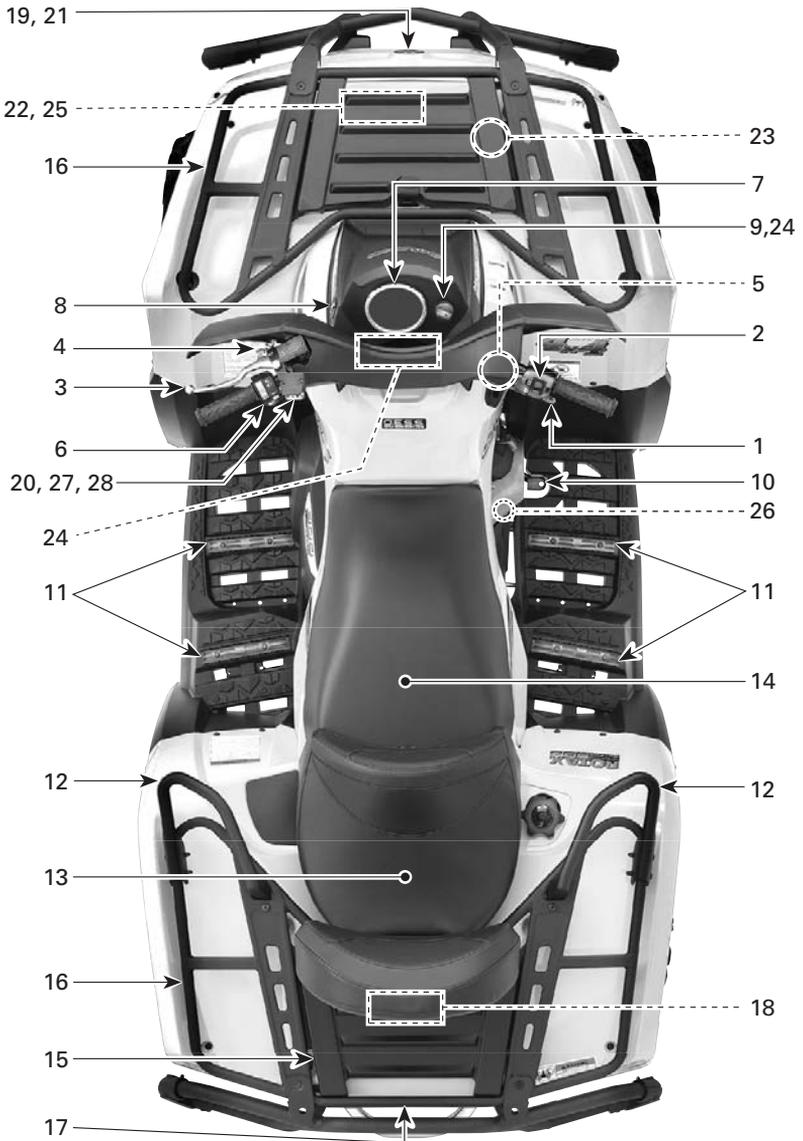
# CONTROLS/INSTRUMENTS/EQUIPMENT

NOTE: Some controls/instruments/equipment are optional.



vmo2008-001-004\_d

1-UP MODELS



vmo2008-002-002\_d

2-UP MODELS

While reading this Operator's Guide, reminder that:

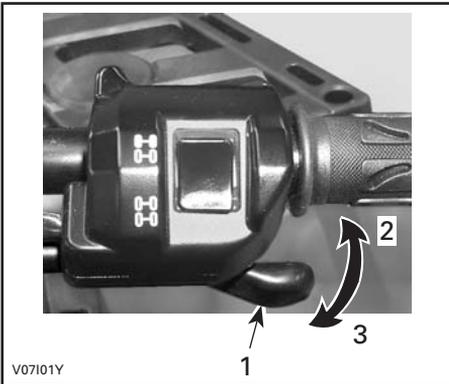
**⚠ WARNING**

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

**1) Throttle Lever**

When pushed, it increases the engine speed that allows the engagement of the transmission on the selected gear.

When released, the engine speed should return automatically to idle and the vehicle will gradually slow down.



TYPICAL

- 1. Throttle lever
- 2. To accelerate
- 3. To decelerate



TYPICAL

- 1. Selector
- 2. 2WD position
- 3. 4WD position

**NOTICE** The vehicle must be stopped to engage or disengage 2WD/4WD selector. Mechanical damage may occur if selector is engaged or disengaged while driving.

**NOTICE** If the rear wheels are spinning, release the throttle and wait engine return to the idle before selecting the 4WD mode.

The 4WD mode is engaged when the selector is pushed downwards.

**2) 2WD/4WD Selector**

This selector allows to choose between 2WD and 4WD when the vehicle is stopped.



V0710DY

**4WD MODE**

To deselect the 4WD mode, press the selector on 2WD.



V0710EY

**2WD MODE**

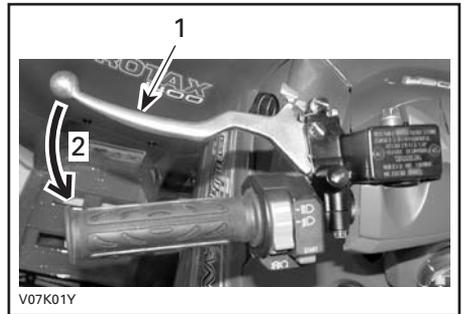
When the selector is located on the 2WD, the vehicle is in 2 wheel drive at all time.

**3) Brake Lever**

When the brake lever is compressed, the front brakes are applied. When released, the brake lever should automatically return to its original position.

Braking effect is proportional to the force applied on the lever and to the type and condition of the terrain.

**NOTE:** The front brakes will also have an effect on rear wheels through the drivetrain when 4WD is selected.



V07K01Y

**TYPICAL**

1. Brake lever
2. To apply brakes

**4) Parking Brake**

When applied, it prevents the vehicle from moving. Useful when the brake needs to be locked for example when doing a K-turn, during transportation or when the vehicle is not in operation.

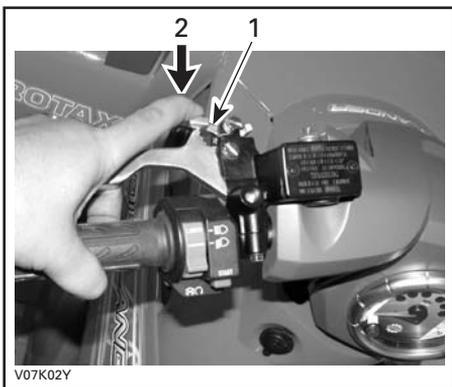
**⚠ WARNING**

Always use the parking brake **and** engage the PARK position on the transmission lever when the vehicle is not in operation.

**NOTICE** Make sure parking brake is fully disengaged before operating the vehicle.

When you ride the vehicle, brakes that are caused to drag by a continuous pressure on the lever may cause damage to the brake system and cause loss of braking capacity and/or fire.

**To engage mechanism:** Squeeze brake lever and maintain while moving lever lock. Brake lever is now compressed and applying all brakes.



**TYPICAL**

1. Brake lever lock
2. Press to apply parking brakes

**NOTE:** Locking lever can be adjusted in several positions.

**NOTICE** Parking brake position can vary depending on brake pads wear. Ensure when the parking brake is applied that the vehicle stays securely in place.

**To release mechanism:** Squeeze brake lever. Lever lock should automatically return to its original position. Brake lever should return to rest position. Always release parking brake before riding.

## 5) Transmission Lever

A 5-position lever: P, R, N, H and L.

To change the transmission position, completely stop vehicle then move lever to the desired position. Do not force lever. If unable to shift, rock the vehicle back and forth to move the gears in the transmission and try again.



**SHIFT PATTERN**

**NOTICE** Always completely stop the vehicle and apply the brake prior to moving the transmission lever.

### P: Park

This position locks the transmission to help prevent vehicle movement. Always use when the vehicle is not in operation. In some circumstances, it may be necessary to rock the vehicle back and forth to move the gears in the transmission to allow the park to be engaged.

### R: Reverse

This allows the vehicle to go backward. The vehicle speed is limited.

## **⚠ WARNING**

Before moving vehicle in reverse, ensure the path behind is clear of obstacles or bystanders. Remain seated.

### **N: Neutral**

This position disengages the transmission to allow manual vehicle movement.

### **H: High gear**

This selects the high speed range of the transmission in the gear box. It is the normal driving speed range. It allows the vehicle to reach its maximum speed.

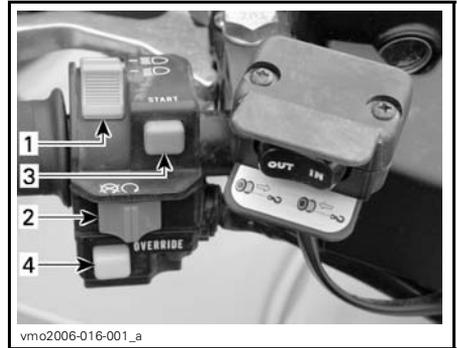
### **L: Low gear**

This selects the low speed range of the transmission in the gear box. It is the working position. It allows the vehicle to move slowly with the maximum traction and power.

**NOTE:** Use the low speed range to pull any load or to climb a steep incline.

## **6) Multifunction Switch**

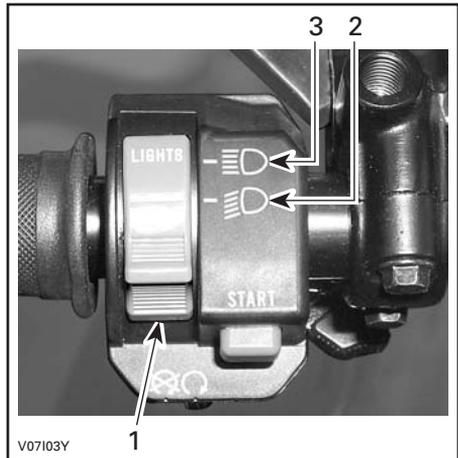
The controls located on this multifunction switch are:



**TYPICAL — MULTIFUNCTION SWITCH**

1. Headlight switch
2. Engine stop switch
3. Engine start button
4. Override button

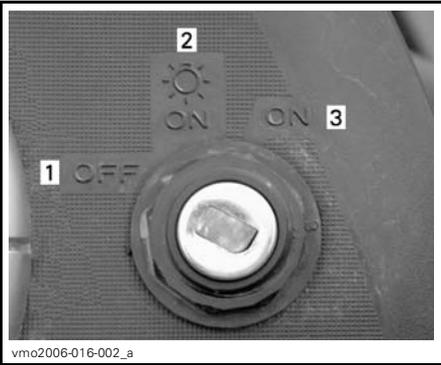
### **Headlight Switch**



**HEADLIGHT SWITCH FUNCTIONS**

1. Headlight switch
2. Low beam and taillight
3. High beam and taillight

**NOTE:** Place ignition switch to ON "without light" position to close the headlight.



**IGNITION SWITCH POSITIONS**

1. OFF
2. ON "with light"
3. ON "without light"

**Engine Stop Switch**

This switch can be used to stop the engine and as an emergency control.

To stop engine, fully release throttle lever then use the engine stop switch.

**NOTE:** While engine can be stopped by turning ignition key to OFF position, we recommend the engine be stopped by the engine stop switch.



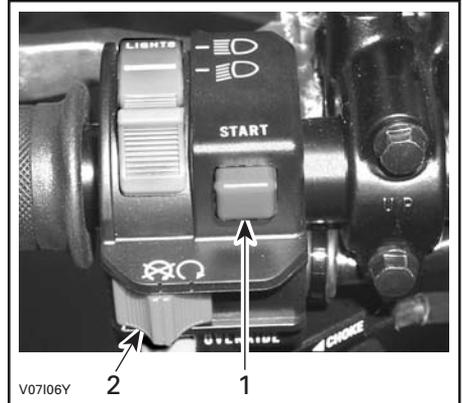
**TYPICAL**

1. Engine stop switch

**Engine Start Button**

To start engine, place the engine stop switch to RUN.

Press and hold the engine start button. Release immediately after engine is started.



**TYPICAL**

1. Engine start button
2. Engine stop switch

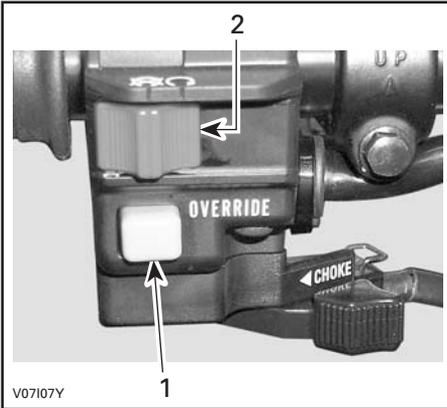
**NOTE:** The engine will not turn over if the engine stop switch and/or the ignition switch are turned to the OFF position.

**Override Button**

This button is used to override the reverse speed limiter system while power backing up. Press and hold the override button then depress throttle lever gradually.

**⚠ WARNING**

Never activate the override button if throttle lever is already depressed as a loss of control may result, causing severe personal injury or death.



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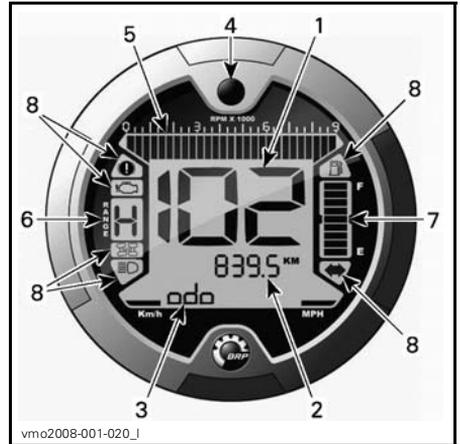
**TYPICAL**

1. Override button
2. Engine stop switch

**7) Multifunction Gauge**

**WARNING**

Never adjust or set functions on the multifunction gauge while riding the vehicle.



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1. Display 1 (speedometer)
2. Display 2 (mode)
3. Display 3 (mode/message)
4. Display selector button
5. Tachometer
6. Transmission position display
7. Fuel level display
8. Indicator lamps

**Unit Selection (MPH vs km/h)**

This multifunction gauge is factory preset in Metric units but it is possible to change it to Imperial units, contact an authorized Can-Am dealer for unit settings.

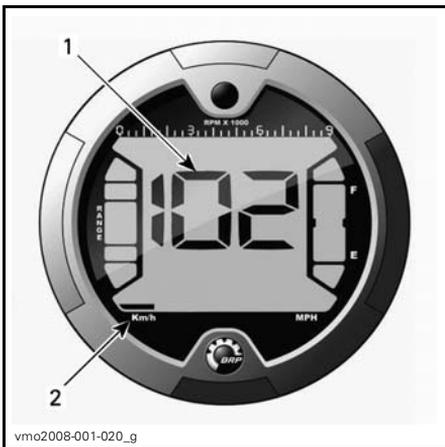
**NOTE:** All features will have their units changed all together.



1. Unit selection

### Display 1 (speedometer)

This display will show vehicle speed.



1. Vehicle speed  
2. Unit selection

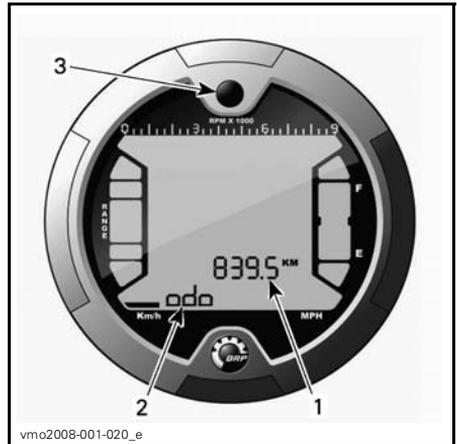
### Display 2 (mode)

By pressing the selector button, the following modes can be displayed:

- Odometer (ODO)
- Trip meter (TRIP)
- Hour meter (TRIP TIME)

- Vehicle hour meter (ENGINE HOURS)
- Engine revolutions per minute (RPM).

**NOTE:** An abbreviation of the mode selected will also be displayed in display 3 (see abbreviations in parenthesis).



1. Display 2 (mode)  
2. Display 3 (mode/message)  
3. Selector button

### Odometer

Records the total travelled distance.

### Trip Meter

Records the travelled distance since it has been reset.

Push and HOLD display selection button to reset.

### Hour Meter

Records the vehicle running time when the electrical system is activated since it has been reset.

Push and HOLD display selection button to reset.

## Engine Hour Meter

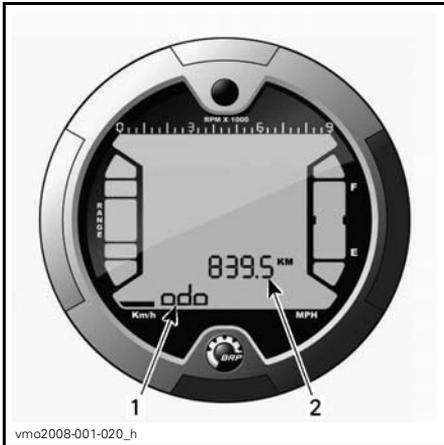
Records engine running time.

## Engine RPM

Measures engine revolutions per minute (RPM).

## Display 3 (mode/message)

This display will show either an abbreviation of the mode selected in display 2 or will communicate important messages to the operator if an anomaly occurs.



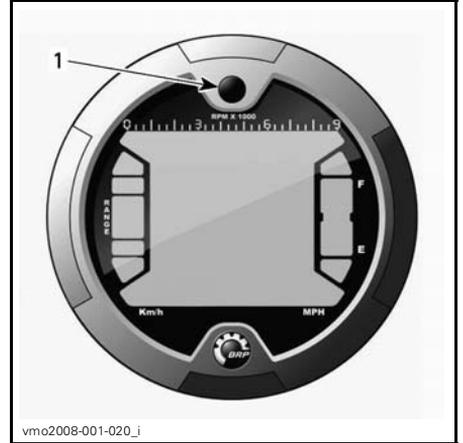
1. Display 3 (mode/message)
2. Display 2 (mode)

## Mode Abbreviation

- ODO (odometer)
- TRIP (trip meter)
- TRIP TIME (hour meter)
- ENGINE HOURS (vehicle hour meter)
- RPM (engine revolutions per minute).

## Display Selector Button

Button used to navigate between modes or to reset data depending on the feature selected.

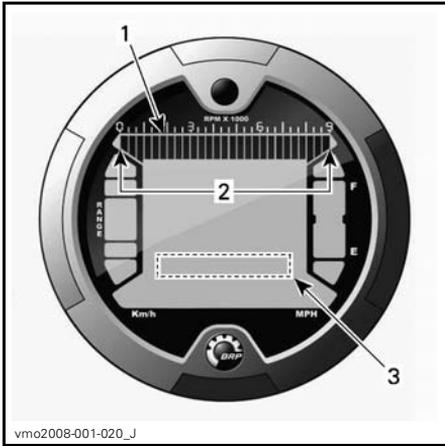


1. Selector button

## Tachometer

Measures engine revolutions per minute (RPM). Multiply by 1000 to obtain the actual revolutions.

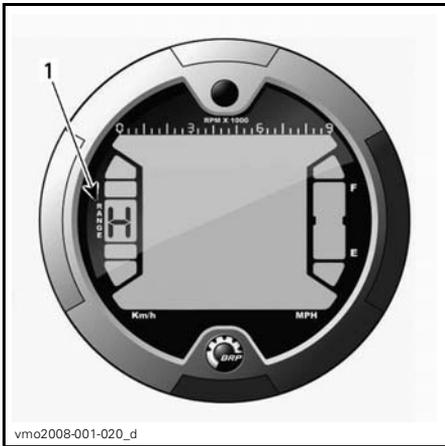
**NOTE:** RPM can also be displayed via Display 2 (mode) display. Refer to *DISPLAY 2 (MODE)*.



- 1. Tachometer
- 2. Operating range
- 3. Tachometer via display 2 (mode)

**Transmission Position Display**

This display will show transmission position.



- 1. Transmission position

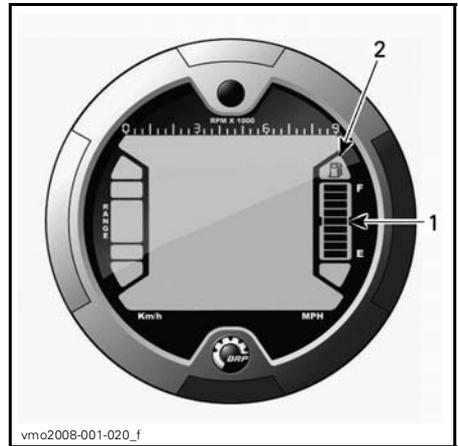
DISPLAY	FUNCTION
P	Park
R	Reverse
N	Neutral
H	High Gear
L	Low Gear

**NOTE:** If the letter “E” is displayed in the transmission position display, it means that there is a electrical communication error. Contact an authorized Can-Am dealer.

**Fuel Level Display**

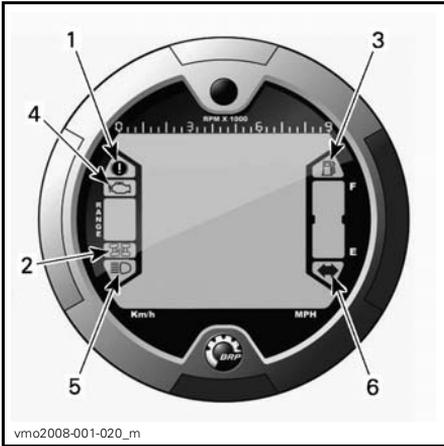
Bar gauge that continuously indicates the amount of fuel left in the fuel tank.

Also, an indicator lamp will indicate a low-fuel condition as only one bar is displayed.



- 1. Fuel level display
- 2. Low fuel indicator lamp

## Indicator Lamps



1. Parking brake indicator lamp
2. 4WD indicator lamp
3. Low fuel level indicator lamp
4. Check engine indicator lamp
5. High beam indicator lamp
6. Flasher/hazard signal indicator lamp

### Description:

-  Parking brake is activated.
-  4WD system is activated.
-  Low fuel level. There is only 30% of fuel left in fuel tank, approximately 6 L.
-  Check engine.
-  High headlight beam position selected.
-  Turn signals are in operation.

## 8) 12-Volt Power Outlet

Convenient for handheld spotlight or other portable equipment.

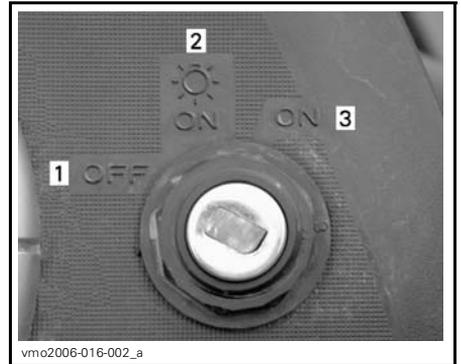
Remove protective cap to use. Always reinstall it after use to protect against weather.

Do not exceed the rating capacity. See *SPECIFICATIONS*.

An auxiliary supply is available to connect additional accessories. Two wires are hidden in the wiring harness at the front of vehicle underneath dash board. See an authorized Can-Am dealer for more details.

## 9) Ignition Switch

Key-operated, 3-position switch.



### IGNITION SWITCH POSITIONS

1. OFF
2. ON "with light"
3. ON "without light"

Insert key in switch and turn to the desired position. To remove key, turn key to OFF position then pull it out.

**NOTE:** When turning the key to OFF position and removing the key, the vehicle electrical system will take a few seconds to shut down.

The ON with lights position, turns on all lights with either the engine running or not. Remember that having the lights on without the engine running discharges the battery. Always turn ignition to the OFF position after engine has been stopped.

**NOTE:** While engine can be stopped by turning ignition key to OFF position, we recommend the engine be stopped by the engine stop switch.

### Digitally Encoded Security System (DESS)

The ignition key specifically contains an electronic circuit that gives it a unique electronic serial number.

This ignition key cannot be used on another vehicle and conversely, the one from another vehicle cannot be used on your vehicle except if it was programmed this way.

However, the DESS brings a great flexibility. You can buy additional ignition keys and have them programmed for your vehicle.

To have additional ignition keys, refer to an authorized Can-Am dealer.

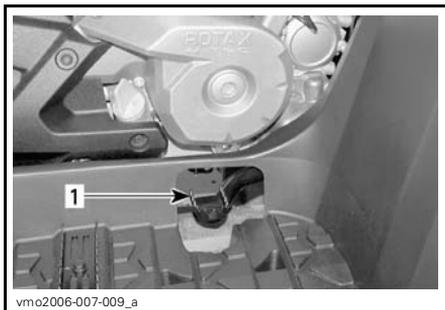
### 10) Brake Pedal

When pressed down, the front and rear brakes are applied.

When released, the brake pedal should return to its original position.

Braking effect is proportional to the force applied on the pedal and to the type and condition of the terrain.

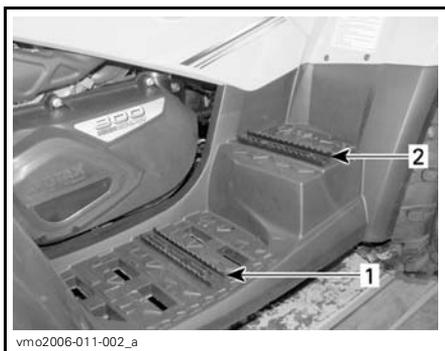
**NOTE:** As on other wheeled vehicles, the vehicle weight is transferred to the front wheels when braking. To obtain greater stopping efficiency, the brake system distributes more braking force to the front wheels. This will affect vehicle handling and steering control when braking vigorously. Take it into account when braking.



1. Brake pedal

### 11) Footpeg

Use this area to keep your feet and the passenger's (2-UP models) feet stable.



**TYPICAL — 2-UP MODELS**

1. Operator's footpeg
2. Passenger's footpeg

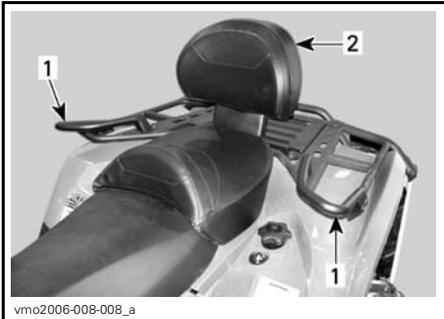
## 12) Grab Handles

### 2-UP Models

The grab handles must be used by the passenger to hold on firmly during vehicle operation.

### **⚠ WARNING**

Never hold on to the operator. Always hold the grab handles firmly.



#### TYPICAL

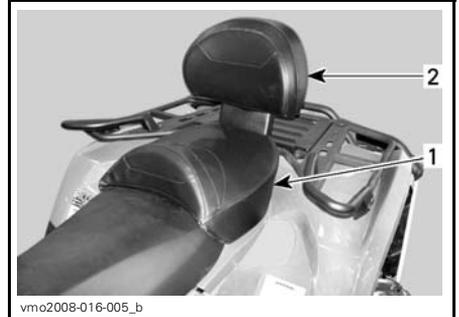
1. Grab handles
2. Passenger's seat

## 13) Passenger's Seat/ Storage Box

### 2-UP Models

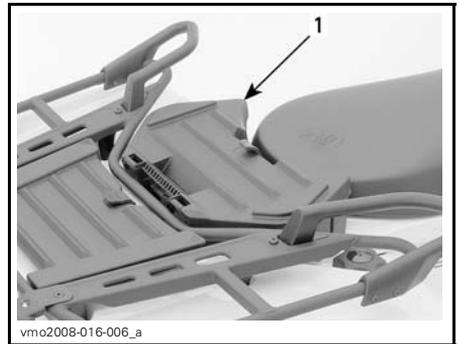
### **⚠ WARNING**

Never operate the vehicle without passenger's seat or storage box properly installed.



1. Passenger's seat
2. Integrated backrest

The storage box is used to convert a two-rider vehicle (2-UP model) to a one-rider vehicle (1-UP model) with extra cargo capacity.



1. Storage box

While reading this Operator's Guide, reminder that:

### **⚠ WARNING**

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

The conversion of the vehicle is easy, remove the passenger's seat then install the storage box or vice versa. Use the procedure describes below to remove and install the features correctly.

## **⚠ WARNING**

Without its passenger's seat, the vehicle becomes a ONE RIDER vehicle (1-UP model) and NO PASSENGER must be allowed on vehicle. NEVER carry passenger on storage box.

### **Passenger's Seat Removal**

1. Pull one of the passenger's seat handles. Those handles are located underneath the RH or LH rear end of seat.



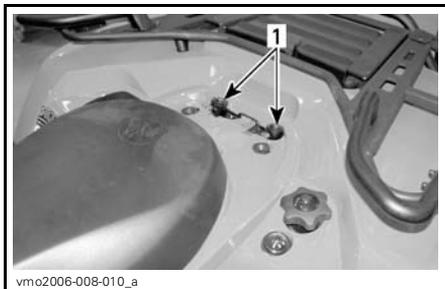
TYPICAL — LH SIDE

1. Seat latch

2. Gently lift the rear of seat.
3. Pull seat rearwards.
4. Continue lifting movement until you can release the front retaining device then completely remove passenger's seat.

### **Passenger's Seat Installation**

1. Insert passenger's seat positioning tubes into rear fender provided holes.



TYPICAL

1. Holes for passenger's seat positioning tubes

2. When seat rests in its position, firmly push seat down to latch.

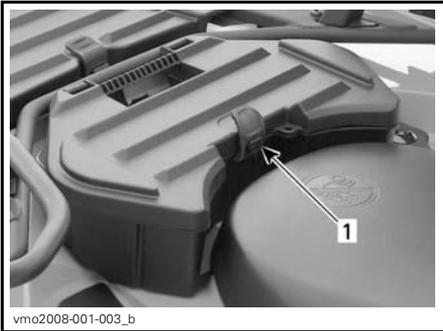
**NOTE:** A distinctive snap will be felt. Double check that the seat is secure by giving it a tug to confirm proper latching.

## **⚠ WARNING**

It is of the utmost importance for the passenger's safety that you confirm that the passenger's seat is properly locked in position by pulling back and up several times. Failure to carry out this simple check could lead to severe injury or death.

### **Storage Box Installation**

1. Remove passenger's seat.
2. Position storage box onto rear fender.
3. When storage box rests in its position, firmly push down to latch.
4. To open storage box, unhook the rubber latch.



1. Rubber latch



1. Seat latch

### Storage Box Removal

1. Pull storage box strap to release from vehicle.
2. Remove storage box.
3. Reinstall passenger's seat.



1. Strap

## 14) Operator's Seat

**NOTE:** To remove the operator's seat, the passenger's seat removal is necessary.

### Seat Removal

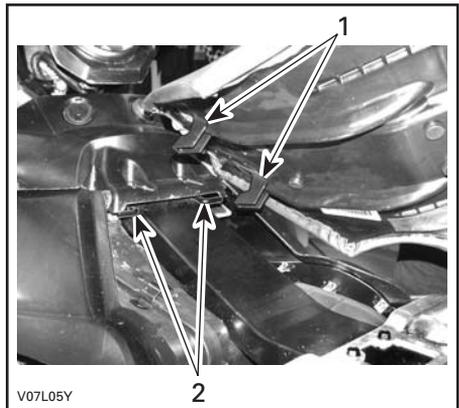
To remove the operator's seat, push its latch forward. This latch is located underneath the rear of seat.

Pull seat rearward. Continue lifting movement until you can release the front retaining device then completely remove seat.

### Seat Installation

Insert front tabs of seat into frame hooks. When seat rests in its position, firmly push seat down to latch.

**NOTE:** A distinctive snap will be felt. Double check that the seat is secure by giving it a tug to confirm proper latching.



1. Insert these tabs in hooks
2. Hooks

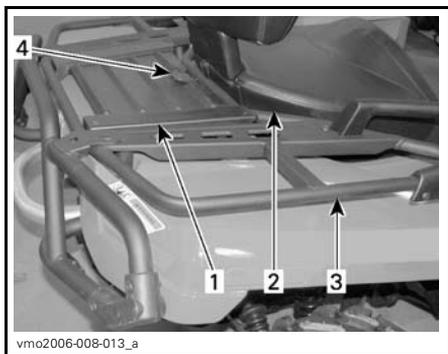
**⚠ WARNING**

It is of the utmost importance for the operator's safety that you confirm that the operator's seat is properly locked in position by pulling back and up several times. Failure to carry out this simple check could lead to severe injury or death.

**15) Rear Storage Compartment**

Convenient location to carry personal articles such as a spare spark plugs, first aid kit, etc. Unlatch cover, gently lift then remove cover.

The compartment is equipped with a drain plug. Remove plug to allow draining when necessary. Reinstall plug when finished.

**TYPICAL**

1. Rear storage compartment cover
2. Seat
3. Rear racks
4. Latch

**⚠ WARNING**

When engine is running, always engage the PARK position on the transmission lever before opening cover. Never leave any heavy or loose breakable objects in the storage basket. Always latch cover before riding. If storage cover is removed to provide greater carrying area, ensure that cargo is secured and will not "fly out" when riding at speed on rough terrain. Slow down.

**16) Cargo Racks**

Convenient racks to carry gear.

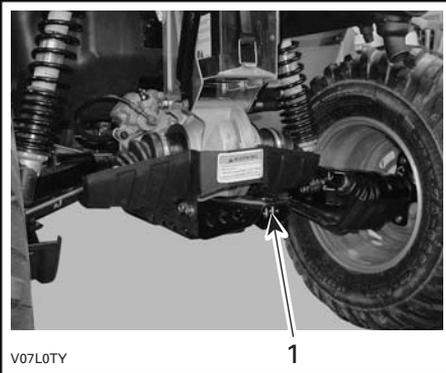
**⚠ WARNING**

Ensure to properly secure material to racks. Do not overload. Ensure load does not interfere with visibility and/or steering. Do not carry passenger(s).

Refer to *SPECIFICATIONS* for cargo weight recommendations.

**17) Trailer Hitch**

Convenient hitch to install a ball to tow a trailer or other equipment. Install the proper ball size as per trailer manufacturer recommendations. Refer to *SPECIFICATIONS* for carrying loads and towing recommendations.

**TYPICAL**

1. Trailer hitch

**⚠ WARNING**

Ensure to install the proper ball size that matches the equipment you will tow.

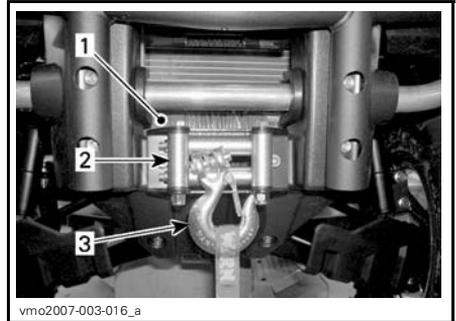
**NOTE:** Follow manufacturer's instructions for proper attachment.

## 18) Tool Kit

The tool kit is located in the rear storage compartment. It contains tools for basic maintenance, this Operator's Guide and the *BASIC GUIDE TO WINCHING TECHNIQUES* with the XT and Limited Edition models.

## 19) Winch

### *XT and Limited Edition Models*



1. Winch
2. Roller fairlead
3. Winch hook

**⚠ WARNING**

The front winch hook of the so equipped vehicles must be removed and stored when riding the vehicle on public trails and/or roads.

Failure to do so can increase the risk of injury to bystanders.

## 20) Winch Control Switch

### *XT and Limited Edition Models*

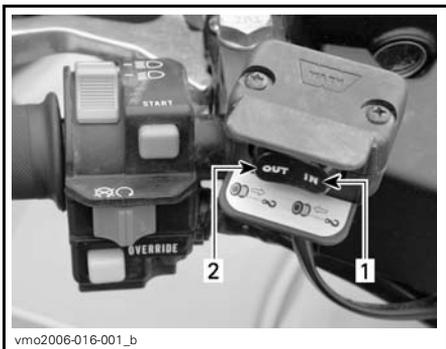
Use this switch to roll in or out wire from winch.

To let out the cable, press the left side of switch.

To reel in the cable, press the right side of switch.

Refer to *BASIC GUIDE TO WINCHING TECHNIQUES* for proper operating instructions.

**NOTE:** A winch remote control is also provided with the vehicle to ease winch operation if necessary, refer to *WINCH REMOTE CONTROL* further in this section.



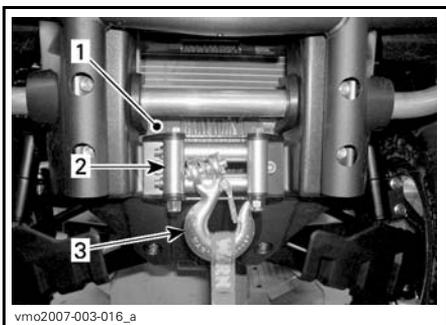
TYPICAL

1. In
2. Out

## 21) Roller Fairlead

### *XT and Limited Edition Models*

The roller fairlead is used to prevent damages to the vehicle and guide the wire rope into the winch.



1. Winch
2. Roller fairlead
3. Winch hook

## 22) Winch Remote Control

### *XT and Limited Edition Models*

A winch remote control is provided with the vehicle to ease winch operation if necessary.

The winch remote control is located in the access panel of the front service compartment.



TYPICAL — FRONT ACCESS PANEL

1. Winch remote control

To use the winch remote control switch instead of the handlebar control switch, connect the remote control into the provided connection of the front service compartment. Refer to *WINCH REMOTE CONTROL CONNECTION*.

**NOTICE** Always disconnect and store the remote control when not in use.

## 23) Winch Remote Control Connection

### *XT and Limited Edition Models*

Connection used to plug-in winch remote control to ease winch operation if necessary.



FRONT SERVICE COMPARTMENT

1. Remote control connection

## 24) GPS Receiver (Global Positioning System)

*Limited Edition Models*

### **⚠ WARNING**

To avoid injuries in case of impact against the GPS receiver support, NEVER operate the vehicle without GPS receiver or GPS receiver support protective cover properly installed.



TYPICAL

1. GPS receiver

A removable GPS receiver located on the handlebar.

The GPS receiver provides the vehicle position on earth.

It is powered via the vehicle electrical system when installed on its support (with ignition switch in ON position), or via batteries when removed from its support.

GPS receiver can be activated using the ON/OFF button on the receiver or with the vehicle ignition switch when turned to ON or OFF position (when installed on the vehicle).

Refer to manufacturer's documentation supplied with the GPS receiver for proper use.

**NOTE:** This GPS receiver is pre-programmed with generic maps. For more detailed cartography, contact an authorized Can-Am dealer or visit Garmin website at [www.garmin.com](http://www.garmin.com).

### **⚠ WARNING**

Reading the GPS receiver can distract from the operation of the vehicle, particularly from constantly scanning the environment. This could lead to a collision resulting in severe injuries or death. Before reading the GPS receiver, ensure your environment is clear and free from obstacle, and bring the vehicle to a low speed. Additionally, make sure to often double-check for obstacles.

### **⚠ WARNING**

Remember, the data provided by the GPS receiver is for reference only. NEVER rely solely on this information for your safety.

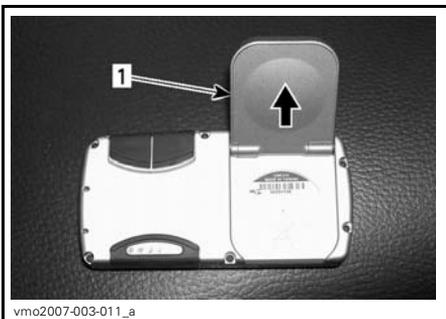
### **GPS Receiver Installation**

Remove the GPS receiver support protective cover.



TYPICAL — REMOVE PROTECTIVE COVER

Unfold antenna from the back of GPS receiver.



UNFOLD ANTENNA  
1. Antenna

Slide GPS receiver onto its support.



TYPICAL — SLIDE TO INSTALL

Lock GPS receiver onto its support by pushing the locking tab towards receiver.



TYPICAL — PUSH ON TAB TO LOCK

**NOTICE** To prevent weather damage or theft to your GPS receiver, always remove it from its receptacle when leaving the vehicle.

### GPS Receiver Removal

Unlock GPS receiver from its support by pulling the locking tab.



TYPICAL — PULL TAB TO UNLOCK  
1. Locking tab

Slide out GPS receiver from its support to remove.



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TYPICAL — SLIDE OUT TO REMOVE

Install the protective cover over the GPS receiver support to prevent damage to the electrical connections when the GPS receiver is not installed.

The protective cover is located inside the access cover of the front service compartment.



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TYPICAL — INSTALL PROTECTIVE COVER

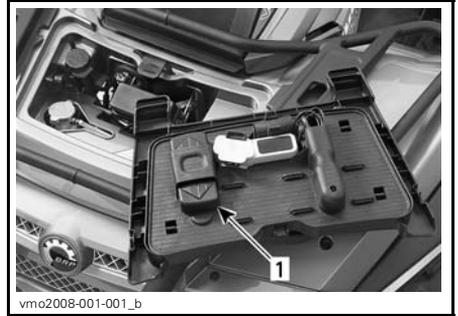
## 25) Protective Cover (GPS receiver support)

Limited Edition Models

### **⚠ WARNING**

To avoid injuries in case of impact against the GPS receiver support, NEVER operate the vehicle without GPS receiver or GPS receiver support protective cover properly installed.

The protective cover is located inside the access panel of the front service compartment.



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ACCESS PANEL — FRONT SERVICE COMPARTMENT

1. Protective cover

Install the protective cover over the GPS receiver support to prevent damage to the electrical connections when the GPS receiver is not installed.

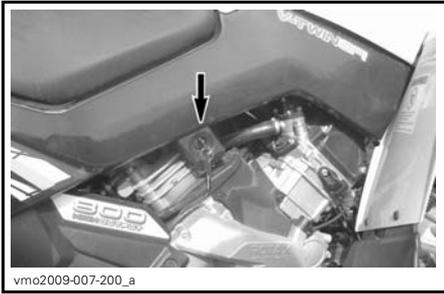


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TYPICAL — INSTALL PROTECTIVE COVER

## 26) Vehicle Lock

The vehicle lock is located on the right hand side of the engine, on the rear cylinder.



TYPICAL

His purpose is to lock the transmission shifter lever in park position.

**NOTE:** The vehicle will not be lock if the transmission shifter in not placed in park position when the mecanism is engaged.

## 27) Turn Signal Switch

This switch is located on the left side of handlebar.



TYPICAL

1. Horn button
2. Turn signal switch

To activate the turn signals, push the switch button on the right or the left side, depending on which direction you picked. Reposition the switch in the middle when the maneuver is completed.

## 28) Horn Button

The horn button is located on the left side of handlebar.



1. Horn button
2. Turn signal switch

## 29) Hazard Warning Button

This button is located on the left side of console.



TYPICAL

1. Hazard warning button

Device fitted to the vehicle that operates a simultaneous flashing of all the turn signals, used when the vehicle is stationary to indicate that the vehicle is temporarily obstructing traffic.

Press the hazard warning button once to activate the device. Press once again to deactivate.

The hazard warning button blink also when the hazard warning lights blink.

**NOTE:** Hazard warning button can be activated even when the vehicle electrical system is shut down.

While reading this Operator's Guide, reminder that:

 **WARNING**

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

# FUEL

## Recommended Fuel

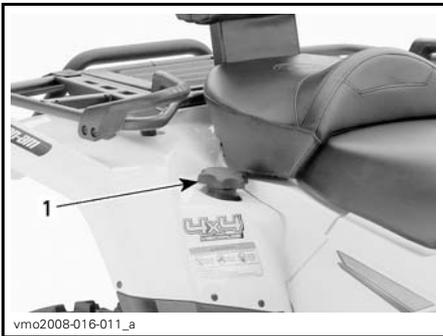
Use regular unleaded gasoline, available from most service stations or oxygenated fuel containing a maximum total of 10% of ethanol or methanol or both. The gasoline used must have the following recommended minimum octane number.

OCTANE NUMBER
92 RON

**NOTICE** Never experiment with other fuels. The use of unrecommended fuel can result in vehicle performance deterioration and damage to critical parts in the fuel system and engine components.

## Fueling Procedure

1. Unscrew counterclockwise and remove cap to allow fuel tank filling then fully tighten clockwise.



1. Fuel tank cap

**NOTICE** Never place anything over fuel tank cap because the vent hole on the top of fuel tank cap can be blocked and the engine could misfire.

## **!** WARNING

Always stop engine before refueling. Open cap slowly. If a differential pressure condition is noticed (whistling sound heard when loosening fuel tank cap) have vehicle inspected and/or repaired before further operation. Fuel is flammable and explosive under certain conditions. Never use an open flame to check fuel level. Never smoke or allow flame or spark in vicinity. Always work in a well-ventilated area. Never top up the fuel tank before placing the vehicle in a warm area. As temperature increases, fuel expands and may overflow. Always wipe off any fuel or oil spillage from the vehicle.

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# OPERATING INSTRUCTIONS

## Operating During Break-In

### Engine

A break-in period of 10 operating hours or 300 km is required before running the vehicle at sustained full throttle.

During this period, maximum throttle should not exceed 3/4. However, brief full acceleration and speed variations contribute to a good break-in. Continued wide open throttle accelerations, prolonged cruising speeds and engine overheating are detrimental during the break-in period.

### Belt

A new belt requires a break-in period of 50 km. Avoid strong acceleration/deceleration, pulling a load or high speed cruising.

### 10-Hour Inspection

**NOTE:** The 10-hour inspection is at the expense of the vehicle owner.

We suggest that after the first 10 hours, 300 km of operation, whichever comes first, your vehicle be inspected by an authorized Can-Am dealer. Refer to *MAINTENANCE INFORMATION* section.

## Starting the Engine

The transmission lever must be on PARK or NEUTRAL to allow engine to start.

**NOTE:** For your convenience, an override mode allows the engine to be started with the transmission lever in any position. Press and hold the brake lever or the brake pedal while pressing the engine start button.

Insert key in ignition switch and turn to ON position.

Place the engine stop switch to RUN.

Press the engine start button and hold until the engine starts.

**NOTICE** Do not hold the engine start button more than 30 seconds. A rest period should be observed between the cranking cycles to let the starter cool down. Pay attention not to discharge the battery.

Release the engine start button immediately when the engine has started.

**NOTE:** If the battery is dead, engine cannot be started. Have the battery recharged or replaced.

## Shifting the Transmission

Let engine idle to warm up.

Apply brakes and select the desired gear range, H or L.

**NOTE:** The brake must be applied when the transmission lever is engaged in the park position.

Release brakes.

**NOTICE** Make sure parking brake is fully disengaged before operating the vehicle.

Gradually press the throttle lever to increase engine speed and thus engaging the continuously variable transmission (CVT).

At the opposite, when the throttle lever is released, the engine speed decreases.

## Using the Reverse

**NOTICE** When changing from forward to reverse, or vice-versa, always completely stop the vehicle and apply the brake prior to moving the transmission lever.

The same procedures as *SHIFTING THE TRANSMISSION* above apply except for the following.

Set the transmission lever in REVERSE position.

## Stopping the Engine

### **WARNING**

Avoid parking on slope.

Release throttle and completely stop the vehicle.

Apply the parking brake.

Set transmission lever in PARK position.

Push the engine stop switch in OFF position.

Turn key in ignition switch to OFF position.

Remove key from ignition switch.

## Post-Operation Care

When vehicle is used in salt-water environment, rinsing the vehicle with fresh water is necessary to preserve vehicle and its components. Metallic parts lubrication is highly recommended. Use XP-S Lube (P/N 293 600 016) or an equivalent. This must be performed at the end of each operating day.

When vehicle is operated in muddy conditions, rinsing the vehicle is recommended to preserve vehicle and its components and to keep lights clean.

While reading this Operator's Guide, reminder that:

### **WARNING**

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

**NOTE:** Never use a high pressure washer to clean the vehicle. **USE LOW PRESSURE ONLY** (like a garden hose). High pressure can cause electrical or mechanical damages.

## What to do if Vehicle Is Turned Over

When vehicle is turned over or stays tilted on the side, put the vehicle back on its wheels, then wait 3 to 5 minutes before starting the engine. Refer to *MAINTENANCE INFORMATION* and inspect the following.

- Inspect air filter housing for oil accumulation, if any oil is found, clean air filter and air filter housing.
- Check engine oil level and refill if necessary.
- Check engine coolant level and refill if necessary.
- Start engine. If the message LOW OIL and the check engine light stay on, stop engine immediately. See an authorized Can-Am dealer.

## What to do if Vehicle Is Immersed in Water

Should the vehicle become immersed, it will be necessary to take it to an authorized Can-Am dealer as soon as possible. **NEVER START THE ENGINE!**

**NOTICE** Immersion of the vehicle can cause serious damage if the correct restart procedure is not followed.

# TUNE YOUR RIDE

## **⚠ WARNING**

Suspension adjustment could affect vehicle handling. Always take time to familiarize yourself with the vehicle's behavior after any suspension adjustment have been made.

## **Suspension Adjustment**

Your vehicle handling and comfort depend upon suspension adjustments.

Choice of suspension adjustments vary with driver's weight, personal preference, riding speed and field condition.

## **⚠ WARNING**

The left and right shock adjustment cams on front or rear suspension must always be set to the same position. Never adjust one adjusting cam only. Uneven adjustment can cause poor handling and loss of stability, which could lead to an accident.

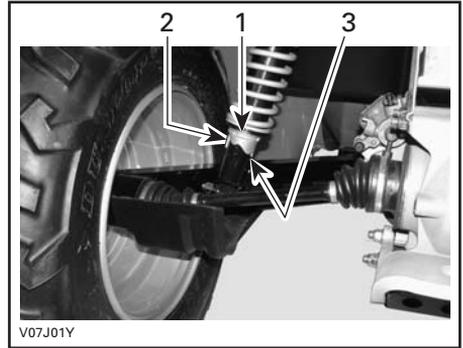
## **Spring Preload Adjustment**

**NOTE:** Front shocks are not adjustable on Outlander MAX 500 models.

Adjust spring preload by turning adjusting cam accordingly, with the adjusting wrench in vehicle tool kit.

Turn the adjusting cams clockwise for a firmer ride and rough road condition or when carrying cargo or pulling a trailer.

Turn the adjusting cams counterclockwise for a light load and a smooth road condition.



**TYPICAL — REAR SHOCKS**

1. *Adjusting cams*
2. *Smooth adjustment*
3. *Hard adjustment*

# VEHICLE TRANSPORTATION

While reading this Operator's Guide, reminder that:

## WARNING

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

When transporting a vehicle, secure vehicle to trailer or in pickup box with suitable tie-downs. Using ordinary ropes is not recommended.

## WARNING

Never tip this vehicle on end for transporting. We recommend that you carry the vehicle in its normal operating position (on all four wheels).

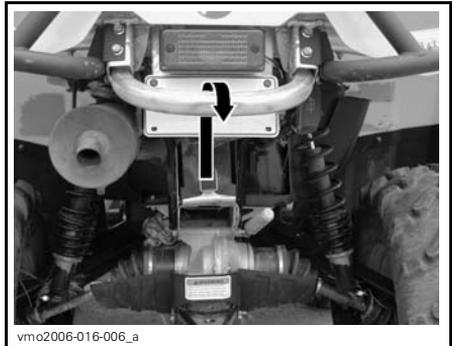


Remember to:

- Unload vehicle racks before transportation
- Set transmission lever to PARK position
- Set the parking brake
- Secure the vehicle by the front bumper and rear bumper.



TYPICAL - FRONT ATTACHMENT LOCATION



TYPICAL - REAR ATTACHMENT LOCATION

**NOTICE** Attaching vehicle at other locations may damage the vehicle.

## WARNING

Do not tow this vehicle behind a car or other vehicle. Use a trailer.

# ***MAINTENANCE INFORMATION***

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## MAINTENANCE SCHEDULE

Maintenance is very important for keeping your vehicle in safe operating condition. Proper maintenance is the owner's responsibility. Perform periodic checks and follow the maintenance schedule.

### **WARNING**

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

This section includes instructions for basic maintenance procedures. If you have the necessary mechanical skills and the required tools, you can perform these procedures. If not, see your authorized Can-Am dealer.

Other important items in the maintenance schedule that are more difficult and require special tools are best performed by your authorized Can-Am dealer.

### **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 when undergoing disassembly/assembly, always replace with a new one.

PERIODIC MAINTENANCE CHART						
A: ADJUST C: CLEAN I: INSPECT L: LUBRICATE R: REPLACE	INITIAL INSPECTION 10 H OR 300 km					
	25 H OR 750 km					
	50 H OR 1500 km					
	100 H OR 1 YEAR OR 3000 km					
	200 H OR 2 YEARS OR 6000 km					
TO BE PERFORMED BY					LEGEND	
PART/TASK						LEGEND
<b>ENGINE</b>						
Engine oil level <sup>(2)</sup>	EVERY RIDE					Customer
Engine oil and filter	R			R		Customer
Valve adjustment	I, A			I, A		Dealer
Engine seals	I			I		Dealer
Engine mounting fasteners	I			I		Dealer
Air filter <sup>(2)</sup>		C <sup>(4)</sup>	R <sup>(4)</sup>			Customer
Exhaust system	I			I		Dealer
Muffler spark arrester				C		Customer
Engine coolant <sup>(2)</sup>	I			I <sup>(3)</sup>	R	Customer
Radiator cap/cooling system pressure test	I				I	Dealer
Radiator <sup>(4)</sup>	I, C		I, C			Customer
<b>ENGINE MANAGEMENT SYSTEM</b>						
EMS sensors	I			I		Dealer
EMS fault codes	I			I		Dealer
<b>FUEL SYSTEM</b>						
Throttle body	I			I, L		Dealer
Throttle cable <sup>(2)</sup>	I, A		I, A, L			Dealer/ Customer
Fuel lines, fuel rails, connections, check valves and fuel tank pressure test	I				I	Dealer
In-line fuel filter				R		Dealer
Fuel pump pressure test					I	Dealer

(2) Pre-ride inspection item.  
 (3) Every 100 hours, check coolant strength.  
 (4) More often under severe use such as dusty area, sand, snow, wet or muddy conditions.

(2) Pre-ride inspection item.

**PERIODIC MAINTENANCE CHART**

A: ADJUST  
 C: CLEAN  
 I: INSPECT  
 L: LUBRICATE  
 R: REPLACE

**INITIAL INSPECTION 10 H OR 300 km**

**25 H OR 750 km**

**50 H OR 1500 km**

**100 H OR 1 YEAR OR 3000 km**

**200 H OR 2 YEARS OR 6000 km**

**TO BE PERFORMED BY**

**PART/TASK**

**LEGEND**

**ELECTRICAL SYSTEM**

Spark plug <sup>(5)</sup>	I				R	Customer	(2) Pre-ride inspection item. (5) Make sure the spark plug is correctly gapped.
Battery connections	I		I			Customer	
ECM connectors (visual inspection without disconnecting)				I		Dealer	
Electrical connections and fastening (ignition system, starting system, fuel injectors etc.)	I			I		Dealer	
Digitally Encoded Security System (DESS)	I			I		Dealer	
Ignition switch, engine start button and engine stop switch <sup>(2)</sup>	I			I		Customer	
Lighting system (HI/LO intensity, brake light, position lights, turning lights, headlight aiming, etc.) <sup>(2)</sup>	I			I		Customer	

PERIODIC MAINTENANCE CHART							
A: ADJUST C: CLEAN I: INSPECT L: LUBRICATE R: REPLACE	INITIAL INSPECTION 10 H OR 300 km						
	25 H OR 750 km						
	50 H OR 1500 km						
	100 H OR 1 YEAR OR 3000 km						
	200 H OR 2 YEARS OR 6000 km						
TO BE PERFORMED BY							
PART/TASK							LEGEND
<b>CVT TRANSMISSION</b>							
Drive belt				I		Dealer	(4) More often under severe use such as dusty area, sand, snow, wet or muddy conditions.
Drive and driven pulleys (including one-way bearing)				I, C, L		Dealer	
CVT air inlet (500/650)	I		I, C			Dealer	
CVT air filter (800R)	I	I, C (4)				Customer	
<b>GEARBOX</b>							
Gearbox oil (4)	R			I	R	Dealer	(4) More often under severe use such as dusty area, sand, snow, wet or muddy conditions.
Speed sensor	C				C	Dealer	
4 x 4 coupling unit	I			I		Dealer	
<b>DRIVE SYSTEM</b>							
Front/rear differentials (oil level, seals and vents)	I		I		R	Dealer	(2) Pre-ride inspection item. (4) More often under severe use such as dusty area, sand, snow, wet or muddy conditions.
Drive shaft boots and protectors (2)	I	I				Customer	
Drive shaft joints			I			Dealer	
Rear propeller shaft joint (4)	I		I, L			Dealer	
<b>WHEEL/TIRES</b>							
Wheel nuts/studs	I		I			Customer	(2) Pre-ride inspection item.
Wheel bearings				I		Customer	
Tires pressure and wear (2)	EVERY RIDE					Customer	

**PERIODIC MAINTENANCE CHART**

A: ADJUST C: CLEAN I: INSPECT L: LUBRICATE R: REPLACE	<b>INITIAL INSPECTION 10 H OR 300 km</b>						<b>TO BE PERFORMED BY</b>	<b>LEGEND</b>
	<b>25 H OR 750 km</b>							
	<b>50 H OR 1500 km</b>							
	<b>100 H OR 1 YEAR OR 3000 km</b>							
	<b>200 H OR 2 YEARS OR 6000 km</b>							
<b>PART/TASK</b>								
<b>STEERING</b>								
Handlebar fasteners				I		Dealer	(4) More often under severe use such as dusty area, sand, snow, wet or muddy conditions.	
Steering system (column, bearing, etc.) (4)	I			I		Dealer		
Tie rod ends			I			Dealer		
Front wheels alignment	I			I, A		Dealer		
<b>SUSPENSION</b>								
Trailing arms				I		Dealer	—	
Trailing arm bearings					I	Dealer		
Shock absorbers			I			Dealer		
A-arms			I, L			Customer		
Ball joints		I				Dealer		
<b>BRAKES</b>								
Brake fluid (2)	I	I			R (6)	Dealer/ Customer	(2) Pre-ride inspection item. (4) More often under severe use such as dusty area, sand, snow, wet or muddy conditions. (6) Brake fluid replacement or any brake system repairs must be performed by an authorized Can-Am dealer.	
Brake pads		I (4)				Dealer		
Brake system (discs, hoses, etc.)				I		Customer		

PERIODIC MAINTENANCE CHART						
A: ADJUST C: CLEAN I: INSPECT L: LUBRICATE R: REPLACE	INITIAL INSPECTION 10 H OR 300 km					
	25 H OR 750 km					
	50 H OR 1500 km					
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	200 H OR 2 YEARS OR 6000 km					
	TO BE PERFORMED BY					
PART/TASK						LEGEND
CHASSIS						
Frame fastener			I			Customer
Frame				I		Dealer
Winch	<i>Refer to vehicle BASIC GUIDE TO WINCHING TECHNIQUES</i>					Customer
Hitch/trailer ball condition (if installed)	EVERY RIDE					Customer
Storage cover latches	EVERY RIDE					Customer
Grab handles (2-UP models)	EVERY RIDE					Customer
Passenger's seat or storage box and its fasteners (2-UP models)	EVERY RIDE					Customer
Operator's seat and its fasteners	EVERY RIDE					Customer
Vehicle cleaning and protection			C (4)			Customer

(4) More often under severe use such as dusty area, sand, snow, wet or muddy conditions.

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## 10-HOUR INSPECTION

We suggest that after the first 10 hours or 300 km of operation, whichever comes first, your vehicle be inspected by an authorized Can-Am dealer. The initial inspection is very important and must not be neglected.

**NOTE:** The 10-hour inspection is at the expense of the vehicle owner.

We recommend that this inspection be signed by an authorized Can-Am dealer.

---

Date of 10-hour inspection

---

Authorized dealer signature

---

Dealer name

# MAINTENANCE PROCEDURES

## Air Filter

### Air Filter Removal

**NOTICE** Never remove or modify any component in the air filter housing. Otherwise, engine performance degradation or damage can occur. The engine is calibrated to operate specifically with these components.

Remove seat.

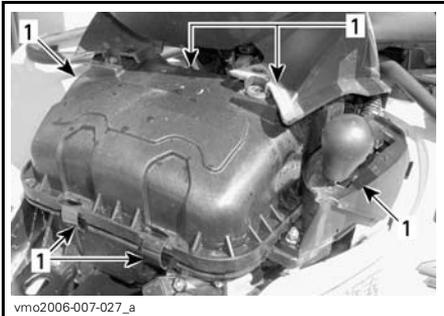
Release central panel tabs from frame.

Pull central panel towards the rear of the vehicle to remove.



1. Central panel
2. Tabs

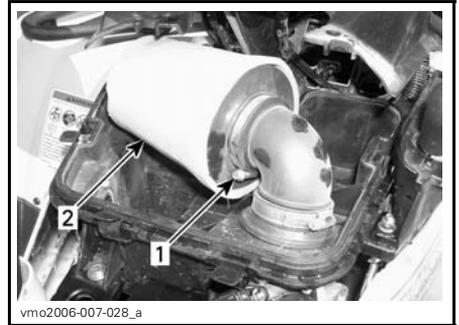
Release clamps and remove air filter box cover.



1. Release clamps

### 500 and 650 Models

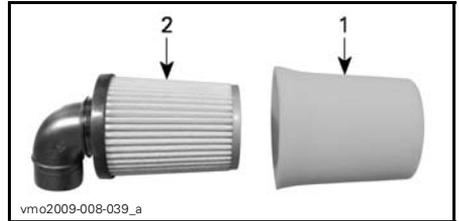
Loosen clamp and remove air filter.



### 500/650 AIR FILTER SHOWN

1. Clamp
2. Air filter

Remove foam prefilter by carefully pulling it outwards.



1. Foam prefilter
2. Filter

### 800R Models

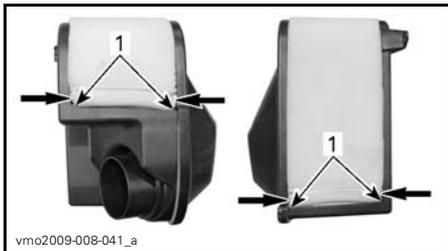
Loosen clamp and remove air filter.



**800R ENGINE AIR FILTER SHOWN**

1. Clamp
2. Air filter

Remove foam prefilter by carefully pushing the extremities toward the inside.



1. Foam prefilter extremities



1. Foam prefilter
2. Filter

**Air Filter Cleaning**

**Foam Prefilter Cleaning**

Pour cleaning solution (P/N 219 700 341) or an equivalent into a bucket.

Put the foam prefilter in to soak.

While foam prefilter soaks, clean inside the air filter housing.

Rinse the foam prefilter with warm water until all cleaning solution disappears.

Let the foam prefilter dry completely.

**Filter Cleaning**

Blow low pressure compressed air on filter element to clean it.

**NOTICE** Do not wash the paper filter with any cleaning solution.

**Air Filter Installation**

Properly reinstall removed parts in the reverse order of their removal.

**Engine Oil**

**Engine Oil Level**

**NOTICE** Check level frequently and refill if necessary. **Do not overfill.** Operating the engine/gearbox with an improper level may severely damage engine/gearbox. Wipe off any spillage.

NOTE: While checking the oil level, visually inspect engine area for leaks.

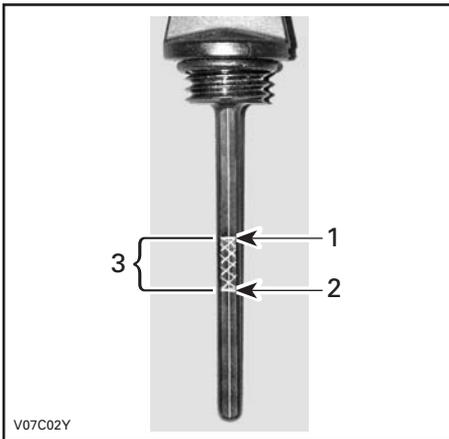


**RH SIDE OF ENGINE**

1. Dipstick

With vehicle on a level surface and engine cold, not running, check the oil level as follows:

1. Unscrew dipstick then remove it and wipe clean.
2. Reinstall dipstick, screw in it completely.
3. Remove and check oil level. It should be near or equal to the upper mark.



V07C02Y

**TYPICAL**

1. Full
2. Add
3. Operating range

To add oil, remove dipstick. Place a funnel into the dipstick tube to avoid spillage.

Add a small amount of recommended oil and recheck oil level.

Repeat the above procedures until oil level reaches the dipstick's upper mark. **Do not overfill.**

Properly tighten dipstick.

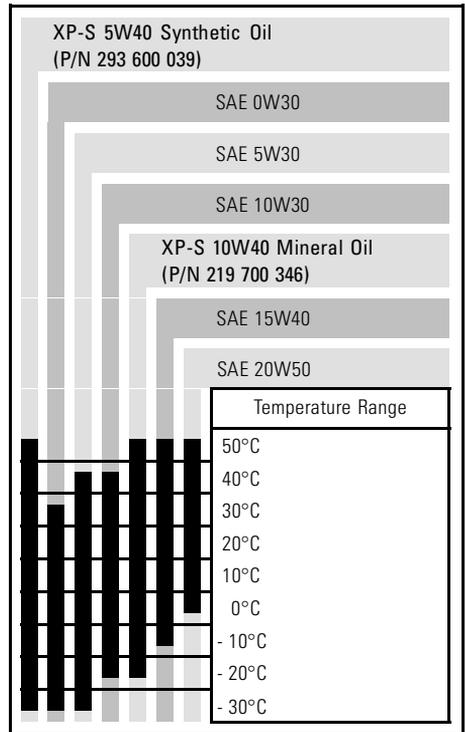
**Engine Recommended Oil**

Use 4-stroke SAE 5W30 engine oil that meets or exceeds the requirements for API service classification SM, SL or SJ. Always check the API service label certification on the oil container it must contain at least one of the above standards.

During the hottest days of the summer the BRP XP-S™ 10W40 mineral oil (P/N 219 700 346) can be used.

**NOTE:** For improved overall performance and all season applications, use XP-S 5W40 synthetic oil (P/N 293 600 039).

**Engine Oil Viscosity Chart**



## Engine Oil Change and Oil Filter Replacement

Oil and filter are to be replaced at the same time.

Oil change should be done with a warm engine.

### **⚠ WARNING**

The engine oil can be very hot. In order to avoid potential burns, do not remove the engine drain plug or the filter cover if the engine is hot. Wait until engine oil is warm.

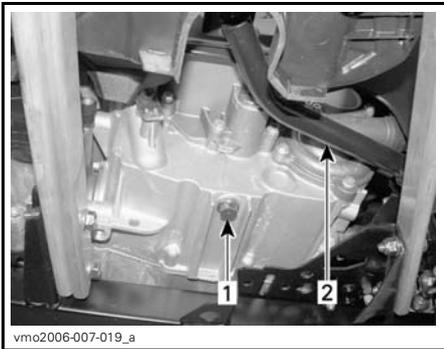
Ensure vehicle is on a level surface.

Remove dipstick.

Clean the oil drain plug area.

Place a drain pan under the oil drain plug area.

Unscrew oil drain plug.



#### TYPICAL

1. Oil drain plug
2. Brake pedal

Allow enough time for oil to flow out of oil filter.

Remove the right engine cover.

Unscrew the oil filter cover.



1. Oil filter cover

Remove the oil filter and replace with a new filter.

Check the cover O-ring and change it if necessary.

Screw oil filter cover in place.

Wipe out any oil spillage on engine.

Change gasket on oil drain plug.

Clean gasket area on engine and oil drain plug then reinstall plug.

Refill engine at the proper level with the recommended oil.

Refer to *SPECIFICATIONS* for oil capacity.

Start engine and let idle for a few minutes.

Ensure oil filter area and oil drain plug areas are not leaking.

Stop engine.

Wait a while to allow oil to flow down to crankcase then check oil level.

Refill as necessary.

Dispose of oil as per your local environmental regulations.

## Radiator

### Radiator Inspection

Periodically check the radiator area for cleanliness.



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**TYPICAL**

1. Radiator

Inspect radiator and hoses for leaks or any damage.

Inspect radiating fins. They must be clean, free of mud, dirt, leaves and any other deposit that would prevent the radiator to cool properly.

Remove as much deposits as you can with your hands. If water is available in proximity, try rinsing the radiating fins.

If available, use a garden hose to rinse the radiating fins.

**⚠ WARNING**

Never clean radiator with your hands when it is hot. Let the radiator cool down before cleaning.

**NOTICE** Be careful not to damage the radiating fins when cleaning. Do not use any object/tool that could damage the fins. The fins are purposely thin parts to allow efficient cooling. **WHEN HOSING, USE LOW PRESSURE ONLY, NEVER USE A HIGH PRESSURE WASHER.**

See an authorized Can-Am dealer to check the performance of the cooling system.

## Engine Coolant

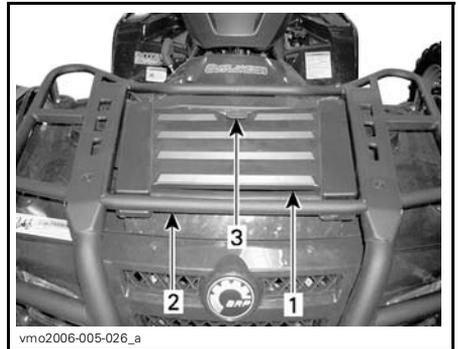
### Engine Coolant Level

**⚠ WARNING**

Check coolant level with engine cold. Never add coolant in cooling system when engine is hot.

**NOTE:** While checking the coolant level, visually inspect engine area for leaks.

Remove the front service compartment panel.



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1. Front service compartment panel
2. Front rack
3. Latch

With vehicle on a level surface, liquid should be between MIN. and MAX. level marks of coolant reservoir.



**COOLANT RESERVOIR**

**NOTE:** When checking level at temperature lower than 20°C, it may be slightly lower than MIN. mark.

Add coolant up to MAX. mark if required.

Use a funnel to avoid spillage. **Do not overfill.**

Properly reinstall and tighten filler cap.

Reinstall front service compartment panel.

If the coolant is added in the coolant reservoir, check the level in the radiator too.

Add coolant if necessary.

**⚠ WARNING**  
**In order to avoid potential burning, do not remove the radiator cap if the engine is hot.**

**NOTE:** A cooling system that frequently requires coolant is the indication of leaks or engine problems. See an authorized Can-Am dealer.

**Recommended Engine Coolant**

Always use ethylene-glycol antifreeze containing corrosion inhibitors specifically for internal combustion aluminum engines.

Cooling system must be filled with BRP premixed coolant (P/N 219 700 362) or with distilled water and antifreeze solution (50% distilled water, 50% antifreeze).

**Engine Coolant Replacement**

**⚠ WARNING**  
**In order to avoid potential burns, do not remove the radiator cap or loosen the coolant drain plug if the engine is hot.**

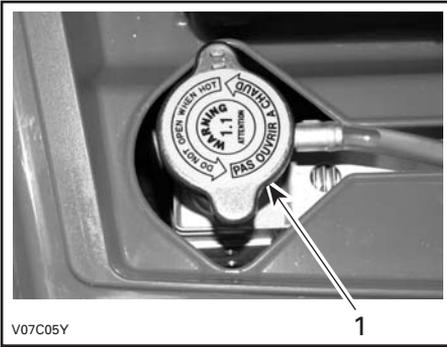
Remove the front service compartment panel. Refer to *ENGINE COOLANT LEVEL*.

Remove the radiator cap.

To remove the radiator cap, press and turn it counterclockwise. Reverse the removal procedure to install.

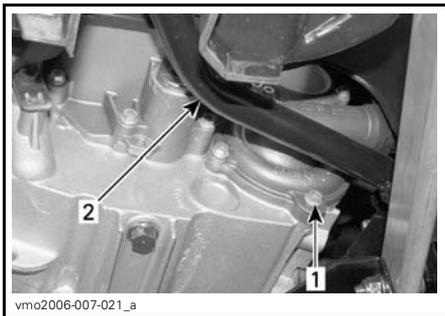


1. Radiator cap



1. Radiator cap

Unscrew the coolant drain plug and drain the coolant into a suitable container.



1. Coolant drain plug  
2. Brake pedal

**NOTE:** Do not unscrew the coolant drain plug completely.

Remove the RH side panel.

Unscrew the bleeding screw on the top of thermostat housing.



1. Bleeding screw

Drain the system completely.

Reinstall the coolant drain plug.

Pinch hose between radiator and thermostat housing with a large hose pincher (P/N 529 032 500) or an equivalent.

**NOTICE** Do not use vise-grip pliers to pinch hose.



1. Hose pincher

Fill the radiator until the coolant comes out by the thermostat housing hole.

Install the bleeding screw then remove the hose pincher.

Complete the radiator filling.

Check the level in the coolant reservoir and refill if necessary.

Run engine at idle with the radiator cap off. Slowly add coolant if necessary.

At this point, wait until engine reaches normal operating temperature.

Depress the throttle lever two or three times; then add coolant if required.

Install radiator cap.

Inspect all connections for leaks and check coolant level in the reservoir.

## Muffler Spark Arrester

### Spark Arrester Cleaning

The muffler must be periodically purged of accumulated carbon.



#### TYPICAL

1. Clean out plug
2. Muffler

Block the end of the muffler with a shop rag and start engine.

Momentarily increase engine RPM several times to purge accumulated carbon out of the muffler.

Stop engine and allow muffler to cool.

Reinstall the clean out plug.

## CVT Air Filter

*800R Only*

### CVT Air Filter Removal

1. Remove seat from vehicle.
2. Release central panel tabs from frame.
3. Remove central panel by pulling it towards the rear of vehicle.

**⚠ WARNING**

Never run engine in an enclosed area. Never perform this operation immediately after the engine has been run because exhaust system is very hot. Make sure that there are no combustible materials in the area. Wear eye protection and gloves. Never stand behind the vehicle while purging exhaust system. Respect all applicable laws and regulations.

Select a well-ventilated area and make sure the muffler is cool.

Place transmission on PARK position.

Remove the clean out plug of the muffler.

While reading this Operator's Guide, reminder that:

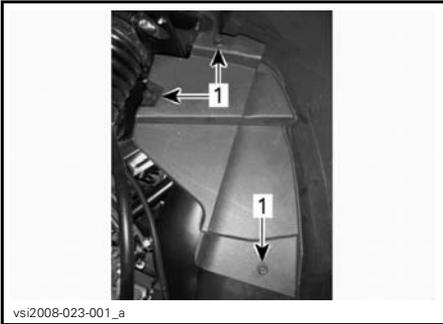
**⚠ WARNING**

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



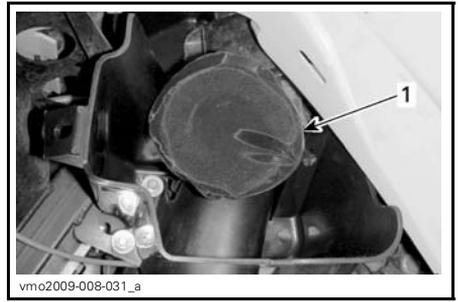
1. Central panel
2. Tabs

4. Locate access cover on LH side of vehicle underneath front fender.
5. Remove plastic darts that hold access cover.
6. Remove access cover.



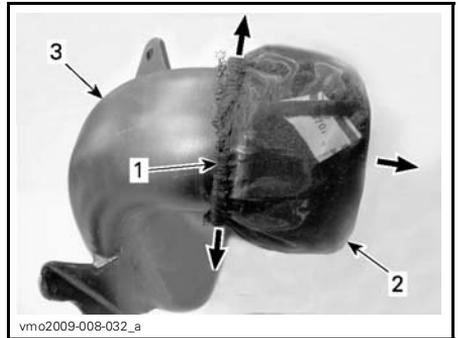
**ACCESS COVER**

1. Plastic darts
7. Locate filter.



1. CVT filter

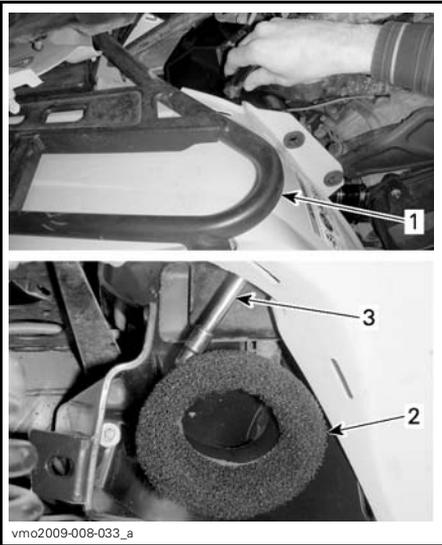
8. Stretch filter elastic.
9. Remove filter by pulling it outward.



**CVT AIR INLET REMOVED FOR CLARITY PURPOSE**

1. Filter elastic
2. Filter
3. CVT air inlet

10. Unscrew foam clamp.



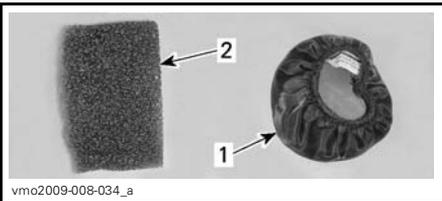
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1. Front rack
2. Foam
3. Tool to unscrew clamp

11. Remove foam with clamp.

### CVT Air Filter Cleaning

1. Pour cleaning solution (P/N 219 700 341) or an equivalent into a bucket.
2. Put filter and foam in to soak.
3. While filter and foam soak, clean inside the CVT air inlet end.
4. Rinse filter and foam with warm water until all cleaning solution disappears.
5. Let filter and foam dry completely.



vmo2009-008-034\_a

1. Filter
2. Foam

### CVT Air Filter Installation

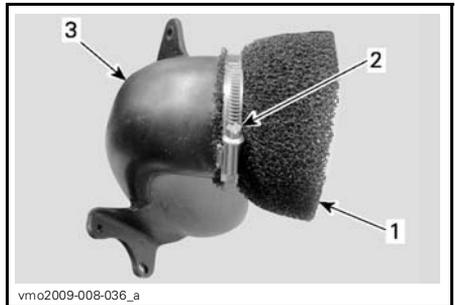
1. Unscrew clamp completely.
2. Pre-install clamp on foam.



vmo2009-008-035

#### CLAMP PRE-INSTALLATION

3. Insert foam with clamp on CVT air inlet as per the following illustration.
4. Ensure that the clamp is properly positioned on the air inlet edge and clamp nut is positioned upwards.
5. Tighten clamp completely.



vmo2009-008-036\_a

#### CVT AIR INLET REMOVED FOR CLARITY PURPOSE

1. Foam
2. Clamp nut
3. CVT air inlet

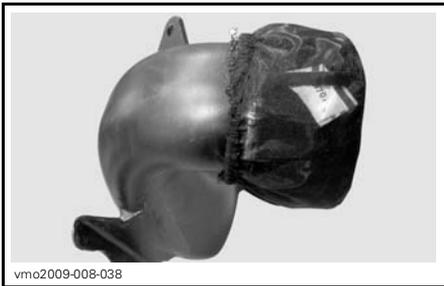
6. Install CVT filter elastic around clamp.



CVT AIR INLET REMOVED FOR CLARITY PURPOSE

1. CVT filter elastic
2. Clamp

The following illustration shows the final assembly.



CVT AIR INLET REMOVED FOR CLARITY PURPOSE

7. Install CVT access cover using plastic darts.
8. Install central panel.
9. Install seat.

### CVT Cover Drain Screw

Any time you suspect that water has entered the CVT cover, drain the CVT housing by removing the drain screw.



BEHIND LH FOOTREST

1. Drain screw

### Gearbox Oil

#### Gearbox Oil Level

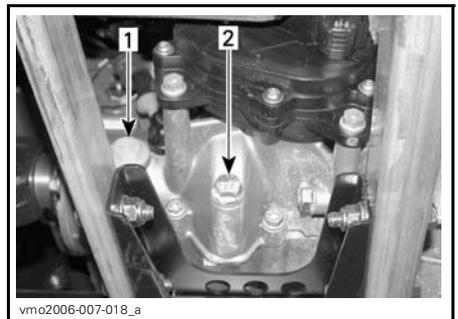
**NOTICE** Check level and refill if necessary. **Do not overfill.** Operating the gearbox with an improper level may severely damage gearbox. Wipe off any spillage.

Place the vehicle on a level surface.

Select NEUTRAL position.

Apply parking brake.

Check the gearbox oil level by removing the gearbox oil level plug.



1. Oil level plug
2. Oil drain plug

The oil should be level with the bottom of the oil level hole.

Refill as required until gearbox oil level flows through oil level hole.

### Recommended Gearbox Oil

Use XP-S chaincase oil (P/N 413 801 900) or an equivalent.

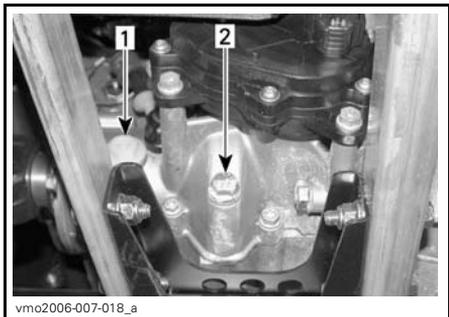
**NOTICE** Do not use unrecommended other types of oil when servicing. Do not mix with other types of oil.

### Gearbox Oil Change

Place the vehicle on a level surface.

Clean drain plug area and oil level plug.

Remove the gearbox drain plug.



1. Oil level plug
2. Oil drain plug

**NOTE:** To completely drain the gearbox, place a jack under the left footrest and tilt the vehicle toward the right side. When the gearbox is empty, install the drain plug and replace the vehicle on the ground.

Refill gearbox, using XP-S chaincase oil (P/N 413 801 900) or an equivalent.

**NOTICE** Do not use other unrecommended types of oil when servicing. Do not mix with other types of oil.

The oil should be level with the bottom of the oil level hole.

Refill as required until gearbox oil level flows through oil level hole.

Reinstall oil level plug.

## Throttle Cable

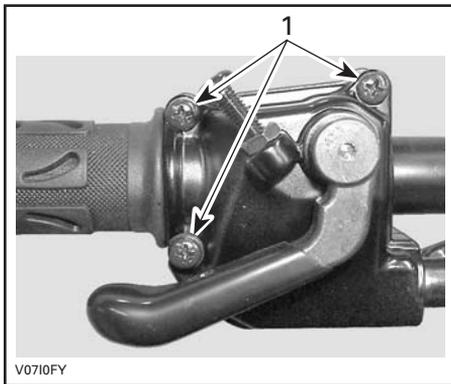
### Throttle Cable Lubrication

The throttle cable must be lubricated with silicone lubricant (P/N 293 600 041) or an equivalent.

### **WARNING**

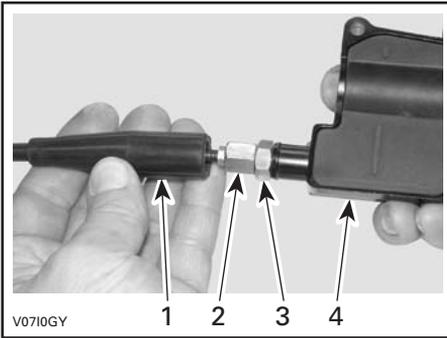
Always use a silicone-based lubricant. Using another lubricant (like a water-based lubricant) could cause the throttle lever/cable to become sticky and stiff.

Open the throttle lever housing.



1. Remove these screws

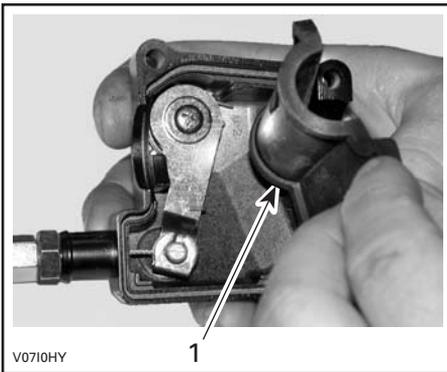
Separate the housing. Slide rubber protector back to expose throttle cable adjuster.



V0710GY

1. Cable protector
2. Throttle cable adjuster
3. Lock nut
4. Throttle lever housing

Screw in the throttle cable adjuster.  
Remove inner housing protector

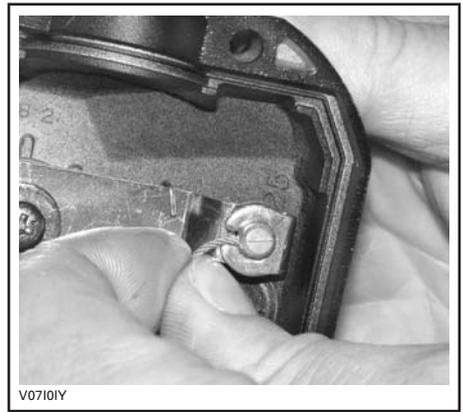


V0710HY

1. Inner housing protector

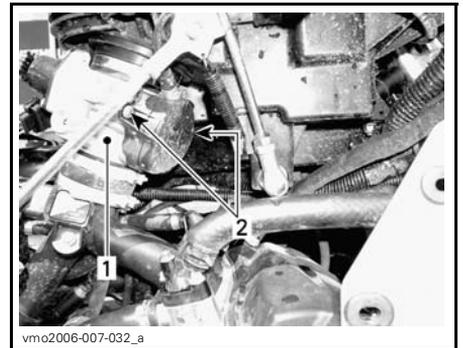
Remove the cable from the throttle lever housing.

**NOTE:** Slide cable in clip slot and remove the end of cable from clip.



V0710IY

Remove the throttle body side cover.



vmo2006-007-032\_a

1. Throttle body
2. Side cover screws

Insert the needle of the lubricant can in the end of throttle cable adjuster.

**! WARNING**

Always wear eye protection and gloves when you lubricate a cable.



TYPICAL

**NOTE:** Place a rag around the throttle cable adjuster to prevent the lubricant from splashing.

Add lubricant until it runs out at throttle body end of the throttle cable.

Reinstall and adjust the cable.

## Throttle Lever

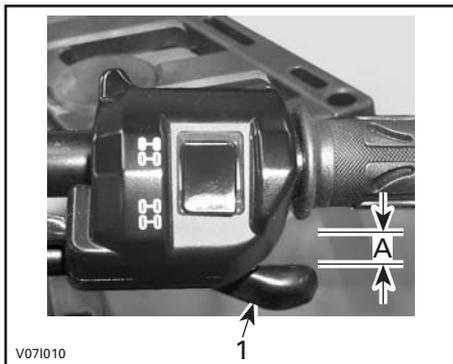
### Throttle Lever Adjustment

Slide rubber protector back to expose throttle cable adjuster.

Loosen lock nut then turn the adjuster to obtain correct throttle lever free play.

**NOTE:** Measure throttle free play at the tip of throttle lever.

Tighten lock nut and reinstall protector.



1. Throttle lever

A. 3 to 6 mm

With the transmission lever on PARK position, start the engine. Check if the throttle cable is adjusted correctly by turning handlebar fully right then fully left. If the engine RPM increases, readjust the throttle lever free play.

## Spark Plug

### Spark Plug Removal

#### **⚠ WARNING**

Unless otherwise indicated, always turn ignition switch to the OFF position before performing any maintenance or repair on electrical system.

Remove side panels.

Unplug spark plug cables.

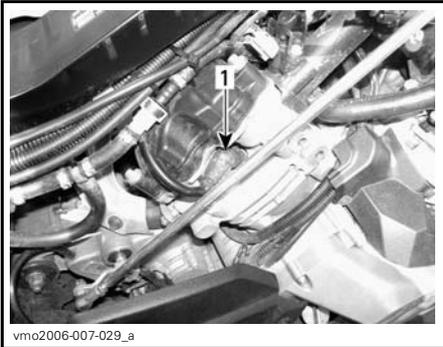
Unscrew spark plugs one turn.

Clean spark plugs and cylinder heads with pressurized air if possible.

#### **⚠ WARNING**

Always wear safety goggles when using pressurized air.

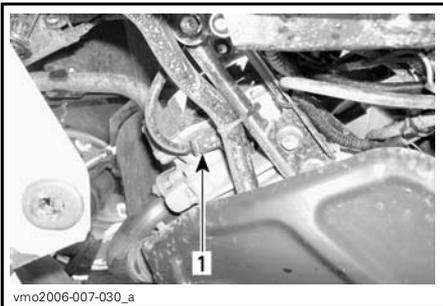
Unscrew spark plugs completely then remove them.



vmo2006-007-029\_a

**RH SIDE — REAR CYLINDER**

1. Spark plug



vmo2006-007-030\_a

**LH SIDE — FRONT CYLINDER**

1. Spark plug

**Spark Plug Installation**

Prior to installation, make sure that contact surfaces of cylinder heads and spark plugs are free of grime.

Using a feeler gauge, set the spark plug gap between 0.6 to 0.7 mm.

Apply anti-seize lubricant over spark plug threads to prevent a possible seizure.

Screw spark plugs into cylinder heads by hand and tighten with a torque wrench and a proper socket.

Torque spark plugs to 20 N•m.

**Battery**

**⚠ WARNING**

Unless otherwise indicated, always turn ignition switch to the OFF position before performing any maintenance or repair on electrical system.

**⚠ WARNING**

Never charge a battery while installed in vehicle.

These vehicles are equipped with a VRLA battery (Valve Regulated Lead Acid). It is a maintenance-free type battery, there is no need to add water to adjust electrolyte level.

**NOTICE** Never remove the battery sealing cap.

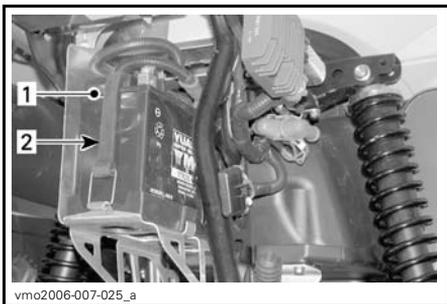
**Battery Removal**

Disconnect BLACK (-) cable first then RED (+) cable.

**⚠ WARNING**

Always respect this order for disassembly; disconnect BLACK (-) cable first.

Remove the holding strap then pull the battery out of frame.



1. Battery
2. Holding strap

### Battery Cleaning

Clean battery, battery casing and battery posts using a solution of baking soda and water.

Remove corrosion from battery cable terminals and battery posts using a firm wire brush.

Battery casing should be cleaned by soft brush and baking soda solution.

### Battery Installation

Reinstall battery in vehicle.

## ⚠ WARNING

Connect RED (+) cable first then BLACK (-) cable. Always connect RED (+) cable first.

## Fuses

### Fuse Inspection

## ⚠ WARNING

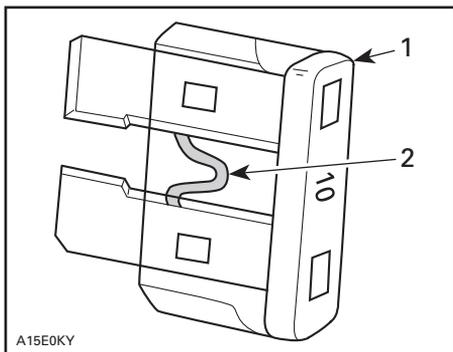
Always turn the ignition switch to OFF position before replacing a defective fuse.

If a fuse is damaged, replace it by one of the same rating.

**NOTICE** Do not use a higher rated fuse as this can cause severe damage.

To remove fuse from holder, remove the fuse holder cover then pull fuse out.

Check if filament is melted.



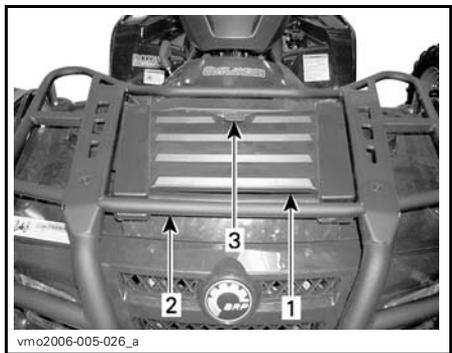
### TYPICAL

1. Fuse
2. Check if melted

### Front Fuses Location

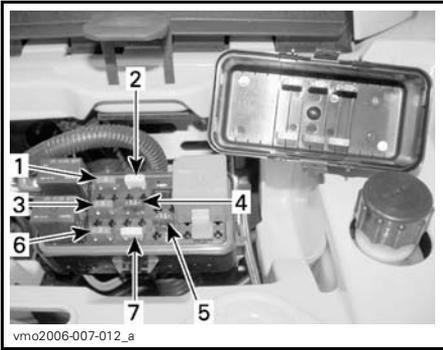
Fuses are located in the front service compartment.

Remove the front service compartment.



### FRONT SERVICE COMPARTMENT

1. Front fuse box



vmo2006-007-012\_a

**FRONT FUSE BOX — FUSES LOCATION**

1. (F1) Ignition coils (5 A)
2. (F2) Fan (20 A)
3. (F3) Fuel injectors (5 A)
4. (F4) Speedometer/speed sensor/taillight (7.5 A)
5. (F5) Fuel pump (7.5 A)
6. (F6) Engine Control Module (ECM) (5 A)
7. (F7) Accessories (20 A)

**Rear Fuses Location**

Fuses are located at the rear of vehicle near battery.



vmo2006-007-031\_a

**REAR OF VEHICLE — FUSES LOCATION**

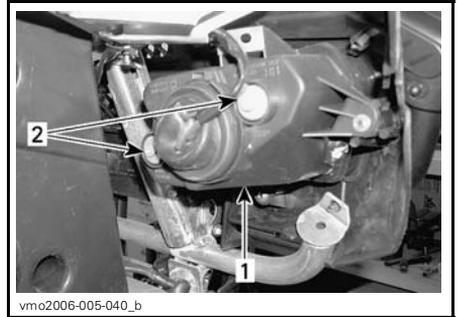
1. (F8) Main (30 A)
- (F9) Main accessories (30 A)

**Lights**

**Headlight Beam Aiming**

Adjust beam aiming as follows:

Turn knobs to adjust beam height and side orientation to your convenience.  
Adjust both headlights evenly.



vmo2006-005-040\_b

**TYPICAL**

1. Headlight cover
2. Adjustment screws

**Headlights Bulb Replacement**

Each headlight include 2 bulbs: one as the headlight and one for the position light

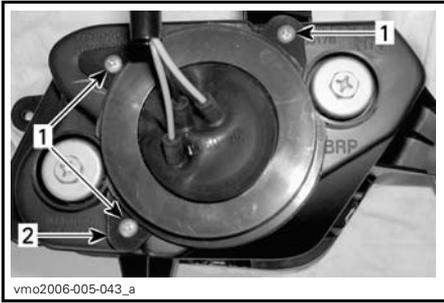
**NOTICE** Never touch glass portion of a halogen bulb with bare fingers, it shortens its operating life. If glass is touched, clean it with isopropyl alcohol which will not leave a film on the bulb.

**NOTE:** On the following illustration, the headlight has been removed for a better comprehension.

To replace the headlight bulb, proceed as follows:

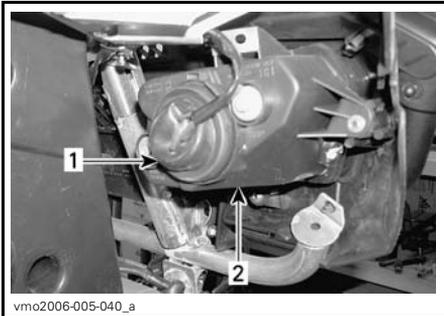
Turn the ignition switch to OFF position.

Remove cover screws.



1. Screws
2. Holder

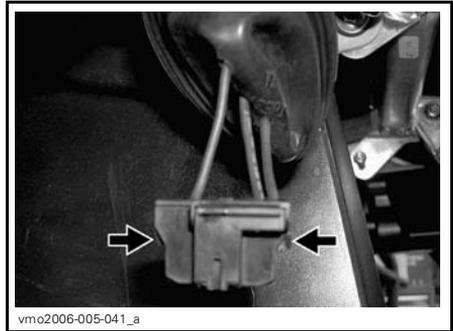
Remove rubber protector over headlight housing.



1. Rubber protector
2. Headlight housing

Unplug connector from headlight.

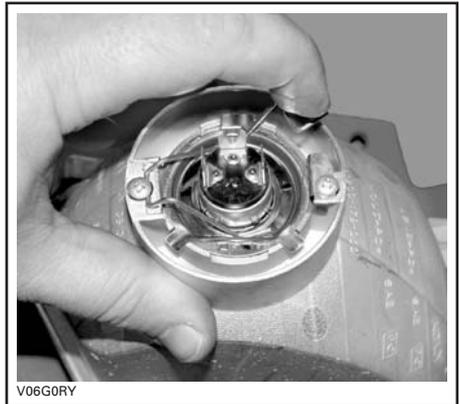
**NOTE:** Press small locking tab to unlock connector then pull on connector.



**PUSH ON LOCKING TAB TO UNLOCK CONNECTOR**

**NOTE:** Concerning the following illustrations, the front fascia has been removed from the vehicle for a better comprehension.

Press the spindle then push it on the side to unlock headlight bulb.



**TYPICAL**

Lift and hold the spindle then remove the bulb.



V06G0SY

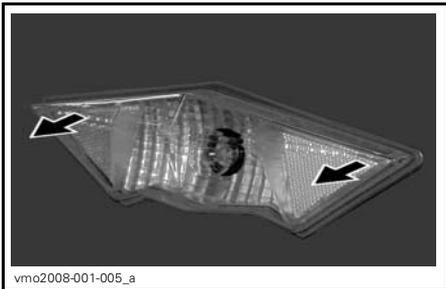
**TYPICAL**

Properly reinstall removed parts in the reverse order of their removal.

**Brake Light and Rear Position Light Bulb Replacement**

Turn the ignition switch to OFF position.

To have access to bulb, pull on taillight to release it from its rubber grommets.



vm02008-001-005\_a

Turn and pull light socket to expose bulb.



vm02008-001-006

Push the bulb in and hold while turning counterclockwise to release.

Install the new bulb by pushing in while turning clockwise.

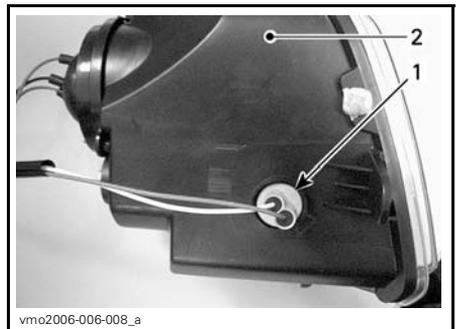
Reinstall all removed parts.

**Front Position Light Bulb Replacement**

To replace the front position light bulb located in the headlight housing, proceed as follows.

Turn the ignition switch to OFF position.

Push and turn counterclockwise bulb socket out of headlight housing.



vm02006-006-008\_a

- 1. Position light socket
- 2. Headlight housing

Push bulb in and hold while turning counterclockwise to release.

Install the new bulb by pushing in while turning clockwise.

Put back the position light socket in the headlight housing, turn clockwise to lock in place and connect the connectors.

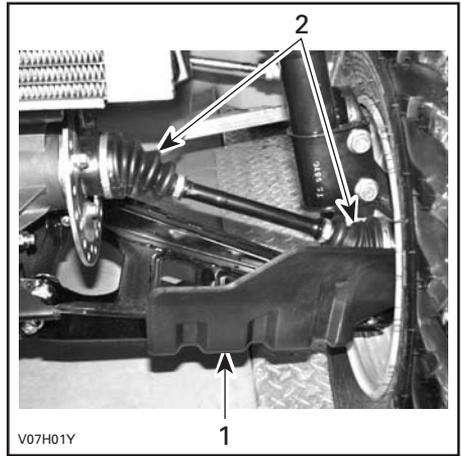
### Turn Signal Bulb Replacement

Remove the screw retaining the lens to the housing. To do this, pull the housing to reach an access to the screw.

Push and turn the bulb counterclockwise. Pull the bulb to remove it.

Install the new bulb by first pushing in while turning clockwise.

Reinstall the lens.



**TYPICAL — FRONT OF VEHICLE**  
1. Drive shaft protector  
2. Drive shaft boots

### Drive Shaft Boot/Protector

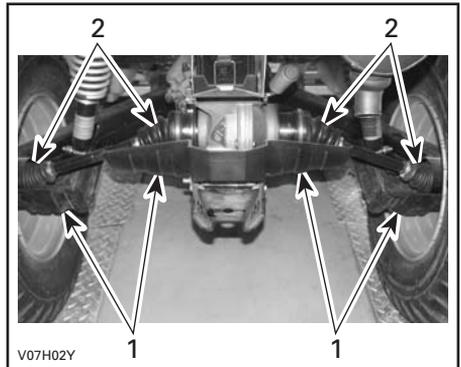
#### Drive Shaft Boot/Protector Inspection

Visually inspect drive shaft protectors and boots conditions.

Check protectors for damage or rubbing against shafts.

Check boots for cracks, tears, leaking grease etc.

Repair or replace damaged parts as necessary.



**TYPICAL — REAR OF VEHICLE**  
1. Drive shaft protectors  
2. Drive shaft boots

## Wheels/Tires

### Tire Pressure

#### **WARNING**

Tire pressure greatly affects vehicle handling and stability. Underpressure may cause tire to deflate and rotate on wheel. Overpressure may burst the tire. Always follow recommended pressure. Since tires are low-pressure types, a manual pump should be used.

Check pressure when tires are “cold” before using the vehicle. Tire pressure changes with temperature and altitude. Recheck pressure if one of these conditions has changed.

For your convenience, a pressure gauge is supplied in tool kit.

<b>TOTAL VEHICLE LOAD ALLOWED (including driver, all other loads and added accessories)</b>		
1-UP MODELS	500	UP to 227 kg
	650/800	UP to 235 kg
2-UP MODELS	500	UP to 235 kg
	650/800	UP to 272 kg

<b>TIRE PRESSURE</b>			
1-UP MODELS		FRONT	REAR
MAX.	500	34.5 kPa	
	650/800	48 kPa	
MIN.	All	31 kPa	
2-UP MODELS		FRONT	REAR
MAX.	500	34.5 kPa	
	650/800	48 kPa	
MIN.	All	31 kPa	

Although the tires are specifically designed for off-road use, a flat may still occur. Therefore, it is recommended to carry a tire pump and a repair kit.

### Tire Inspection

Check tire for damage and wear. Replace if necessary.

Do not rotate tires. The front and rear tires have a different size. The tires are directional and their rotation must be kept in a specific direction for proper operation.

### **⚠ WARNING**

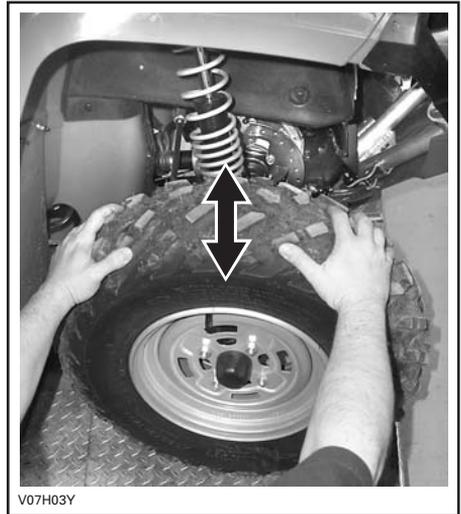
Severe injury or death can result if you do not follow these instructions.

- When the tires are replaced, never install a bias tire with a radial tire. Such a combination could create handling and/or stability problems.
- Do not mix tires of different size and/or design on the same axle.
- Front and rear tire pairs must have an identical model and manufacturer.
- For unidirectional tread pattern, ensure that the tires are installed in the correct direction of rotation.
- The radial tires must be installed as a complete set.

### Wheel Bearing Inspection

Push and pull the wheels from the upper edge to feel the play.

See an authorized Can-Am dealer if there is any play.



TYPICAL

### Wheel Removal/Installation

Loosen nuts then lift vehicle.

Place a support under vehicle.

Remove nuts then remove wheel.

At installation, it is recommended to apply anti-seize lubricant on threads.

Gently tighten nuts in a criss-cross sequence then apply final torque.

#### TORQUE APPLICATION

##### STANDARD MODELS

70 N•m

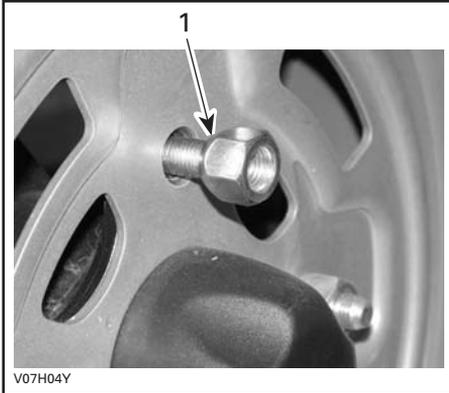
##### XT MODELS

100 N•m

##### LTD MODELS

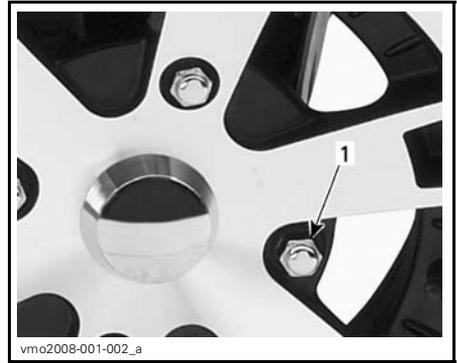
70 N•m

**NOTE:** Occasionally, wheel nuts should be removed to apply anti-seize lubricant on studs to ease future removal. This is particularly important when vehicle is used in salt-water environment or in mud. Remove one nut at a time, lubricate then retorque.



**TYPICAL — OPENED END TYPE**  
1. Taper side of nut

**NOTICE** Always use the recommended wheel nuts (P/N 250 100 096). Using a different nut could cause damages to the rim.



**TYPICAL — CLOSED END TYPE**  
1. Wheel nut

**NOTICE** Always use the recommended wheel nuts (P/N 250 100 082). Using a different nut could cause damages to the rim.

## Suspension

### Suspension Lubrication

Lubricate front A-arms.

Use suspension synthetic grease (P/N 293 550 033 or an equivalent).

There is two grease fittings on each A-arm.

### Front Suspension Inspection

Inspect the McPherson struts or shock absorber for oil leaks or other damages.

Check tightness of fasteners.

See an authorized Can-Am dealer as necessary.

While reading this Operator's Guide, reminder that:

## **WARNING**

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

## A-Arms

Check A-arms for cracks, bending or other damages.

See an authorized Can-Am dealer as necessary.

## Rear Suspension Inspection

Inspect the shock absorbers for oil leaks or other damages.

Check tightness of fasteners.

See an authorized Can-Am dealer as necessary.

## Trailing Arms

Check trailing arms for distortion, cracks or bending.

See an authorized Can-Am dealer if any problem is detected.

## Brake

### Brake Fluid

#### Brake Fluid Level

With vehicle on a level surface, check brake fluid in reservoirs for proper level. They should be above MIN. mark.

Add fluid as required. **Do not overfill.**

Clean filler cap before removing.

**NOTICE** Use only DOT 4 brake fluid from a sealed container. Do not use brake fluid taken from old or already opened containers.

**NOTE:** A low level may indicate leaks or worn brake pads. See an authorized Can-Am dealer.

#### Brake Lever Fluid Reservoir

Turn steering in the straight-ahead position to ensure reservoir is level.

Check the brake fluid level, the reservoir is full when the fluid reaches the top of window.

Visually inspect lever boot condition.

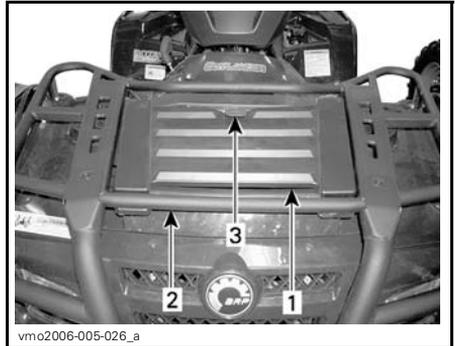
Check for cracks, tears, etc. Replace if damaged.



TYPICAL

#### Brake Pedal Fluid Reservoir

Remove the front service compartment panel.



With vehicle on a level surface, liquid should be between MIN. and MAX. level marks of brake pedal fluid reservoir.



**BRAKE PEDAL FLUID RESERVOIR**

### Recommended Brake Fluid

Always use brake fluid meeting the specification DOT 4 only.

**NOTICE** To avoid serious damage to the braking system, do not use fluids other than the recommended one, nor mix different fluids for topping up.

### Brake Inspection

The braking system is a hydraulic type and no adjustment is required.

Check the following to keep the brakes in a good operating condition:

- Brake fluid level
- Brake system for fluid leaks
- Brake for spongy feel
- Brake cleanliness
- Brake discs for excessive wear and surface condition
- Brake pads for wear, damage or looseness.

SERVICE LIMITS	
Brake pads thickness	1 mm
Front discs thickness	3.5 mm
Rear disc thickness	4.3 mm
Maximum discs warpage	0.2 mm

See your authorized Can-Am dealer if a problem is detected concerning the brake system.

**⚠ WARNING**

The brake fluid replacement or brake system maintenance and repairs should be performed by an authorized Can-Am dealer.

## Body

### Storage Cover Latches

Check that front service compartment cover and rear storage compartment cover are properly latched and that latches are in good condition.

### Seat Fasteners

Remove seat(s) and/or storage box and check latch mechanisms and pins for wear. See an authorized Can-Am dealer for parts replacement if damaged.

### Passenger's Seat/Storage Box (2-UP models)

Ensure that the passenger's seat or the storage box are in place and properly latched.

## **Grab Handles (2-UP models)**

Check grab handles condition and ensure they are properly secured to the vehicle.

## **Vehicle Cleaning and Protection**

Never use a high pressure washer to clean the vehicle. **USE LOW PRESSURE ONLY (like a garden hose).** High pressure can cause electrical or mechanical damages.

Painted parts which are damaged should be properly repainted to prevent rust.

When required, wash the body with hot water and soap (only use mild detergent). Apply non-abrasive wax.

**NOTICE** Never clean plastic parts with strong detergent, degreasing agent, paint thinner, acetone, etc.

## **Frame**

### **Hitch/Trailer Ball Condition**

Check tightness of fasteners and tightness/condition of trailer ball.

Properly retighten as necessary and replace ball if worn.

### **Frame Fasteners**

Check fastener condition and tightness on the vehicle.

Retighten as required.

While reading this Operator's Guide, reminder that:

### **WARNING**

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

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## STORAGE AND PRESEASON PREPARATION

### **WARNING**

Have an authorized Can-Am dealer inspect fuel system integrity as specified in *MAINTENANCE SCHEDULE*.

When a vehicle is not in use for more than 4 months, proper storage is a necessity.

See an authorized Can-Am dealer for proper procedures.

When using your vehicle after storage, a preparation is required. See an authorized Can-Am dealer for proper procedures.

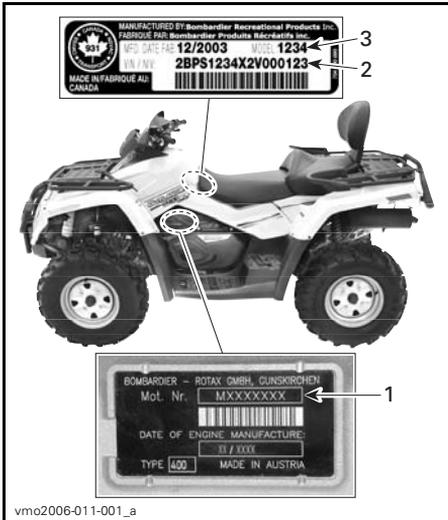


# ***TECHNICAL INFORMATION***

# VEHICLE IDENTIFICATION

The main components of your vehicle (engine and frame) are identified by different serial numbers. It may sometimes become necessary to locate these numbers for warranty purposes or to trace your vehicle in the event of loss. These numbers are required by the authorized Can-Am dealer to complete warranty claims properly. No warranty will be allowed by BRP if the engine identification number (EIN) or vehicle identification number (VIN) is removed or mutilated in any way. We strongly recommend that you take note of all the serial numbers on your vehicle and supply them to your insurance company.

## Engine and Vehicle Identification Number Location



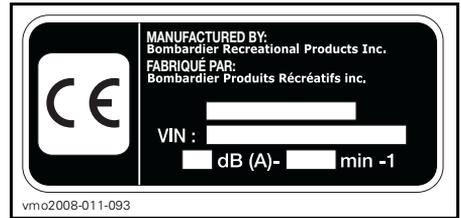
### TYPICAL — ALL MODELS

1. E.I.N. (Engine Identification Number)
2. V.I.N. (Vehicle Identification Number)
3. Model

## Compliance Label

This label indicates vehicle's compliance in many countries.

LABEL LOCATION	
Outlander™ series	Under seat, on the upper bar of frame



The EC-Declaration of Conformity does not appear in this version of the Operator's Guide.

Please refer to the printed version that was delivered with your vehicle.

# SPECIFICATIONS

MODEL		OUTLANDER 500 EFI	OUTLANDER 650 EFI	OUTLANDER 800R EFI
<b>ENGINE</b>				
Engine type		ROTAX V490	ROTAX V660	ROTAX V810
		4-stroke, Single Over Head Camshaft (SOHC), liquid cooled		
Number of cylinders		2		
Number of valves		8 valves (mechanical adjustment)		
Bore	mm	82.03		91
Stroke	mm	47.3	61.5	
Displacement		500 cm <sup>3</sup>	650 cm <sup>3</sup>	800 cm <sup>3</sup>
Compression ratio		10.7:1	10.3:1	
Maximum HP		RPM	7250	
			6750	
Lubrication	Type	Wet sump. Replaceable oil filter		
	Oil filter	BRP Rotax paper type, replaceable		
	Engine oil	Capacity (oil change with filter)	2 L	
		Recommended	SAE 5W 30 API classification SM, SL or SJ see <i>OIL VISCOSITY CHART</i>	
Exhaust system		Spark arrestor approved by USDA Forest Service		
Air filter		Synthetic paper filter with foam		
<b>COOLING SYSTEM</b>				
Coolant	Type	Ethyl glycol/water mix (50% coolant, 50% water). Use premixed coolant sold by BRP (P/N 219 700 362) or coolant specifically designed for aluminum engines		
	Capacity	2.5 L		

MODEL		OUTLANDER 500 EFI	OUTLANDER 650 EFI	OUTLANDER 800R EFI
<b>ELECTRICAL SYSTEM</b>				
Magneto generator output		400 W @ 6000 RPM		
Ignition system type		IDI (Inductive Discharge Ignition)		
Ignition timing		Not adjustable		
Spark plug	Quantity	2		
	Make and type	NGK DCPR8E		
	Gap mm	0.6 to 0.7		
Engine RPM limiter setting	Forward RPM	8000		
	Reverse RPM	3200		
Battery	Type	Dry battery type		
	Voltage	12 volts		
	Nominal rating	18 A•h		
	Power starter output	0.7 KW		
Headlight	W	2 x 35		
Taillight	W	7/29		
Turn signals	W	10		
Indicator lights		LEDS, 0.7 V approximately (each)		
Fuses	Accessories	20 A		
	Fan	20 A		
	Main	30 A		
	Ignition coils	5 A		
	Fuel injectors	5 A		
	Speedometer/speed sensor/tail light	7.5 A		
	Fuel pump	7.5 A		
	Engine control module (ECM)	5 A		
	Main accessories	30 A		

**SPECIFICATIONS**

<b>MODEL</b>			<b>OUTLANDER 500 EFI</b>	<b>OUTLANDER 650 EFI</b>	<b>OUTLANDER 800R EFI</b>
<b>FUEL SYSTEM</b>					
Fuel delivery			Type	Electronic Fuel Injection (EFI), Dell'Orto 46 mm throttle body, 1 injector per cylinder	
Fuel pump			Type	Electrical (in fuel tank)	
			Model	Bosch	
Idle speed			RPM $\pm$ 50	1250 (not adjustable)	
Fuel	Type			Regular unleaded gasoline	
	Octane no.	Inside North America	(R+M)/2	87 or higher	
		Outside North America	RON	92 or higher	
Fuel tank capacity			20 L		
Remaining fuel in fuel tank when display light turns ON			$\pm$ 6 L		
<b>TRANSMISSION</b>					
Type			CVT (Continuously Variable Transmission)		
Engagement RPM			$\pm$ 100 RPM	1750	
<b>GEARBOX</b>					
Type			Dual range (HI-LO) with park, neutral and reverse		
Gearbox oil		Capacity		400 mL	
		Recommended		XP-S chaincase oil	

MODEL			OUTLANDER 500 EFI	OUTLANDER 650 EFI	OUTLANDER 800R EFI
<b>DRIVE SYSTEM</b>					
Front drive			Shaft driven/auto-lock differential (shear pump)		
Front drive ratio			3.6:1		
Rear drive			Shaft driven/locked differential		
Rear drive ratio			3.6:1		
Differential oil	Capacity	Front	500 mL		
		Rear	250 mL		
	Recommended		BRP differential oil (P/N 293 600 043) or synthetic oil 75W90 (API GL5)		
CV joint grease			CV joint grease (P/N 293 550 019)		
Propeller shaft grease			XP-S synthetic grease (P/N 293 550 010)		
<b>STEERING</b>					
Turning radius	1-UP		2.16 m		
	2-UP		2.40 m		
Total toe (vehicle on ground)			mm	0	
<b>FRONT SUSPENSION</b>					
Suspension type			MacPherson	Double A-arm	
Suspension travel			mm	178	203
Shock absorber	Qty		2		
	Type		Oil		
Front preload adjustment			—	5 settings	
<b>REAR SUSPENSION</b>					
Suspension type			TTI™ independent		
Suspension travel			mm	229	
Shock absorber	Qty		2		
	Type		Oil		
Rear preload adjustment			5 settings		

**SPECIFICATIONS**

<b>MODEL</b>			<b>OUTLANDER 500 EFI</b>	<b>OUTLANDER 650 EFI</b>	<b>OUTLANDER 800R EFI</b>
<b>BRAKES</b>					
Front brake		Type	Hydraulic, 2 discs		
Rear brake		Type	Hydraulic, single disc		
Brake fluid		Capacity	180 mL		
		Type	DOT 4		
Parking brake			Hydraulic lock-4 wheels		
Caliper			Floating		
Brake pad material		Front	Organic		
		Rear	Metallic		
Minimum brake pad thickness		mm	1		
Minimum brake disc thickness	Front	mm	3.5		
	Rear	mm	4.3		
Maximum brake disc warpage		mm	0.2		
<b>TIRES</b>					
Pressure	1-UP	Front	Maximum	34.5 kPa	48 kPa
			Minimum	31 kPa	31 kPa
		Rear	Maximum	34.5 kPa	48 kPa
			Minimum	31 kPa	31 kPa
	2-UP	Front	Maximum	34.5 kPa	48 kPa
			Minimum	31 kPa	31 kPa
		Rear	Maximum	34.5 kPa	48 kPa
			Minimum	31 kPa	31 kPa
Minimum tire thread depth			mm	3	
Size		Front	25 x 8 x 12	26 x 8 x 12	
		Rear	25 x 10 x 12	26 x 10 x 12	

MODEL			OUTLANDER 500 EFI	OUTLANDER 650 EFI	OUTLANDER 800R EFI	
<b>WHEELS</b>						
Size		Front	12 x 6			
		Rear	12 x 7.5			
Wheel nuts torque		1-UP	Standard	70 N•m		
			XT	100 N•m		
		2-UP	Standard	70 N•m		
			XT	100 N•m		
			LTD	—	—	70 N•m
<b>DIMENSION</b>						
Overall length		1-UP	m	2.18		
		2-UP	m	2.39		
Overall width			m	1.17		
Overall height			m	1.14		
Wheelbase		1-UP	m	1.30		
		2-UP	m	1.50		
Wheel track		Front	mm	965		
		Rear	mm	914		
Ground clearance			mm	279	305	305

**SPECIFICATIONS**

<b>MODEL</b>		<b>OUTLANDER 500 EFI</b>	<b>OUTLANDER 650 EFI</b>	<b>OUTLANDER 800R EFI</b>
<b>LOADING CAPACITY</b>				
Weight distribution	Front/rear	1-UP	51%/49%	
		2-UP	48%/52%	
Rear storage box (included with rear rack weight)		kg	10	
Rack	Front	kg	45	
	Rear (including rear storage box and tongue weight)		90 kg	
Total vehicle load allowed (including driver, all other loads and added accessories)	1-UP	kg	227	235
	2-UP	kg	235	272
Gross vehicle weight rating	1-UP	kg	553	584
	2-UP	kg	558	649
Towing capacity		kg	591	
Tongue capacity (included with rear rack weight)		kg	23	

# CONVERSION CHART

CONVERSION FACTORS		
TO CONVERT	TO <sup>(1)</sup>	MULTIPLY BY
in	mm	25.4
in	cm	2.54
in <sup>2</sup>	cm <sup>2</sup>	6.45
in <sup>3</sup>	cm <sup>3</sup>	16.39
ft	m	0.3
oz	g	28.35
lb	kg	0.45
lbf	N	4.4
<b>lbf•in</b>	<b>N•m</b>	0.11
<b>lbf•ft</b>	<b>N•m</b>	1.36
<b>lbf•ft</b>	<b>lbf•in</b>	12
PSI	kPa	6.89
imp. oz	U.S. oz	0.96
imp. gal	U.S. gal	1.2
imp. gal	L	4.55
U.S. oz	ml	29.57
U.S. gal	L	3.79
MPH	km/h	1.61
Fahrenheit	Celsius	$(^{\circ}\text{F} - 32) \div 1.8$
Celsius	Fahrenheit	$(^{\circ}\text{C} \times 1.8) + 32$
hp	kW	0.75

<sup>(1)</sup> To obtain the reverse sequence, divide by the given factor.  
 To convert **millimeters** to **inches**, divide by 25.4.

**NOTE:** Conversion factors are rounded off to 2 decimals for easier use.



# ***TROUBLESHOOTING***

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# TECHNICAL GUIDELINES

## ENGINE DOES NOT TURN

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1. Ignition switch is in the OFF position.
  - Place switch to the ON position.
2. Engine stop switch.
  - Make sure that engine stop switch is in ON position.
3. Transmission is not set on PARK or NEUTRAL.
  - Set transmission either in PARK or in NEUTRAL or press the brake lever.
4. Burnt fuse.
  - Check main fuse condition.
5. Weak battery or loose connections.
  - Check charging system fuse.
  - Check connections and terminals condition.
  - Have the battery checked.
  - Contact an authorized Can-Am dealer.
6. Wrong ignition key, multifunction gauge display shows INVALID KEY.
  - Use the proper key for this vehicle.

## ENGINE TURNS OVER BUT FAILS TO START

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1. Flooded engine (spark plug wet when removed).
  - (Drowned mode) If the engine does not start and it is fuel-flooded, this special mode can be activated to prevent fuel injection and to cut ignition while cranking. Proceed as follows:
    - Insert key in ignition switch and turn to ON position.
    - Press completely and HOLD throttle lever.
    - Press the engine START button.The engine should be cranked for 20 seconds. Release engine START button.  
Release throttle lever and start/crank engine again to allow starting.

**If it does not work:**

  - Clean the spark plug caps area then remove them.
  - Remove the spark plugs (tools are supplied in tool kit).
  - Crank engine several times.
  - Install new spark plugs if possible or clean and dry spark plugs.
  - Start engine as explained above.

If engine continues to flood, see an authorized Can-Am dealer.

**NOTE:** Make sure to verify that there is no fuel in engine oil, if so, replace engine oil.
2. No fuel to the engine (spark plug dry when removed).
  - Check fuel tank level.
  - A failure of the fuel pump may have occurred.
  - Contact an authorized Can-Am dealer.

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**ENGINE TURNS OVER BUT FAILS TO START (cont'd)**

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**3. Spark plug/ignition (no spark).**

- *Check main fuse condition.*
- *Remove spark plug then reconnect to ignition coil.*
- *Check that ignition switch and/or engine stop switch is/are at the ON position.*
- *Start engine with spark plug grounded to the engine away from spark plug hole. If no spark appears, replace spark plug.*
- *If trouble persists, contact an authorized Can-Am dealer.*

**4. Multifunction gauge CHECK ENGINE indicator lamp is on and display shows CHECK ENGINE.**

- *Contact an authorized Can-Am dealer.*

**5. Engine is in limp home mode.**

- *Multifunction gauge CHECK ENGINE indicator lamp is on and display shows CHECK ENGINE, contact an authorized Can-Am dealer.*

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**ENGINE LACKS ACCELERATION OR POWER**

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**1. Fouled or defective spark plug.**

- *Check item ENGINE TURNS OVER BUT FAILS TO START.*

**2. Lack of fuel to engine.**

- *Check item ENGINE TURNS OVER BUT FAILS TO START.*

**3. Engine is overheating.**

- *Check ENGINE OVERHEATS.*

**4. Air filter/housing plugged or dirty.**

- *Check air filter and clean if necessary.*
- *Check deposits in air filter housing drain.*
- *Check the position of the air intake tube.*

**5. CVT dirty or worn-out.**

- *Contact an authorized Can-Am dealer.*

**6. Engine is in limp home mode.**

- *Check multifunction gauge display for messages.*
- *Multifunction gauge CHECK ENGINE indicator lamp is on and display shows CHECK ENGINE or LIMP HOME, contact an authorized Can-Am dealer.*

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**ENGINE OVERHEATS**

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**1. Low coolant in cooling system.**

- *Check engine coolant, refer to MAINTENANCE INFORMATION.*

**2. Dirty radiator fins.**

- *Clean radiator fins, refer to RADIATOR in MAINTENANCE INFORMATION.*

## ENGINE OVERHEATS (cont'd)

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### 3. Cooling fan inoperative.

- Check cooling fan fuse, refer to MAINTENANCE INFORMATION. If the fuse is good, contact an authorized Can-Am dealer.

## ENGINE BACKFIRE

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### 1. Exhaust system leakage.

- Contact an authorized Can-Am dealer.

### 2. Engine is running too hot.

- See ENGINE LACKS ACCELERATION OR POWER.

### 3. Ignition timing is incorrect or there is an ignition system failure.

- Contact an authorized Can-Am dealer.

## ENGINE MISFIRE

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### 1. Fouled/defective/worn spark plug.

- Clean/verify spark plug and heat range. Replace as required.

### 2. Water in fuel.

- Drain fuel system and refill with fresh fuel.

## VEHICLE CANNOT REACH FULL SPEED

---

### 1. Engine.

- See ENGINE LACKS ACCELERATION OR POWER.

### 2. Parking brake.

- Ensure parking brake is completely removed.

### 3. Air filter/housing plugged or dirty.

- Check air filter and clean if necessary.
- Check deposits in air filter housing drain.
- Check the position of the air intake tube.

### 4. CVT dirty or worn-out.

- Contact an authorized Can-Am dealer.

### 5. Engine is in limp home mode.

- Check multifunction gauge display for messages.
- Multifunction gauge CHECK ENGINE indicator lamp is on and display shows CHECK ENGINE or LIMP HOME, contact an authorized Can-Am dealer.

## TRANSMISSION LEVER IS HARD TO MOVE

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### 1. Transmission gears are in a position that prevents the transmission lever to work.

- Rock the vehicle back and forth to move the gears in the transmission and allow the transmission lever to be set.

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**TRANSMISSION LEVER IS HARD TO MOVE (cont'd)**

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**2. CVT dirty or worn-out.**

- *Contact an authorized Can-Am dealer.*

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**THE RPM INCREASES BUT THE VEHICLE DOES NOT MOVE**

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**1. The transmission is on PARK or NEUTRAL position.**

- *Select the R, HI or LO position.*

**2. CVT dirty or worn-out.**

- *Contact an authorized Can-Am dealer.*

**3. Water in the CVT housing.**

- *Contact an authorized Can-Am dealer.*

## MULTIFUNCTION GAUGE MESSAGES

MESSAGE	PILOT LAMP(S) ON	DESCRIPTION
INVALID KEY	Check engine	Indicates that you have used the wrong ignition key, use the proper key for this vehicle. It is also possible that the ignition key has a bad contact, remove and clean key.
PARK BRAKE	Parking brake	Is displayed when parking brake is applied for more than 15 seconds (while riding).
LO BATT	Check engine	Low battery voltage, check battery voltage and charging system.
HI BATT	Check engine	High battery voltage, check battery voltage and charging system.
LOW OIL <sup>(1)</sup>	Check engine	Engine low oil pressure, stop engine immediately.
HI TEMP	Check engine	Engine is overheating, refer to <i>ENGINE OVERHEATS</i> in <i>TROUBLESHOOTING</i> .
LIMP HOME	Check engine	Serious fault on the engine that can change the normal operation of the engine, CHECK ENGINE indicator lamp will also blink, refer to <i>TROUBLESHOOTING</i> for more details.
CHECK ENGINE	Check engine	Engine fault, CHECK ENGINE indicator lamp will also be ON, refer to <i>TROUBLESHOOTING</i> for more details.
MAINTENANCE SOON <sup>(2)</sup>	Check engine	Periodic maintenance required. See an authorized Can-Am dealer.
NO ECM COMMUNICATION	Check engine	Communication error between speedometer and engine control module (ECM), contact an authorized Can-Am dealer.

**NOTICE** <sup>(1)</sup> If the message and the check engine light stay on after engine starting, stop engine. Check engine oil level. Refill if necessary. If the oil level is good, see an authorized Can-Am dealer. Do not use the vehicle until repaired.

<sup>(2)</sup> Message must be erased by an authorized Can-Am dealer.

# ***WARRANTY***

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# **BRP LIMITED WARRANTY USA AND CANADA: 2009 CAN-AM™ ATV**

## **1) SCOPE OF THE LIMITED WARRANTY**

Bombardier Recreational Products Inc. ("BRP")\* warrants its 2009 Can-Am ATV sold by authorized BRP dealers (as hereinafter defined) in the fifty United States and Canada from defects in material or workmanship for the period and under the conditions described below.

All genuine Can-Am ATV parts and accessories, installed by an authorized BRP dealer at the time of delivery of the 2009 Can-Am ATV, carry the same warranty as that of the Can-Am ATV.

This limited warranty will become null and void if: (i) the ATV was used for racing or any other competitive activity, at any point, even by a previous owner; or (ii) the ATV 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.

## **2) LIMITATIONS OF LIABILITY**

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 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 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 Can-Am ATV 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);
- Water or snow ingestion;
- Incidental or consequential damages, or damages of any kind including without limitation towing, storage, telephone, rental, taxi, inconvenience, insurance coverage, loan payments, loss of time, loss of income.

#### **4) WARRANTY COVERAGE PERIOD**

This warranty will be in effect from the date of delivery to the first retail consumer or the date the product is first put into use, whichever occurs first and for a period of:

SIX (6) CONSECUTIVE MONTHS, for private use or commercial use owners.

The emission-related components included in the chart below that are installed on EPA certified Can-Am ATVs registered in the USA are covered for thirty (30) consecutive months.

<b>EMISSION-RELATED COMPONENTS</b>	<b>500/650/800R</b>
TPS (Throttle Position Sensor)	X
TMAPS (Temperature and Manifold Air Pressure Sensor)	X
Fuel pressure regulator	X
Fuel injectors	X
ECM (Engine Control Module)	X
Crankcase ventilation system	X
Cylinder head gasket	X
Intake runner seal	X

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.

## **5) CONDITIONS TO HAVE WARRANTY COVERAGE**

This warranty coverage is available **only** if **each** of the following conditions has been fulfilled:

- The 2009 Can-Am ATV must be purchased as new and unused by its first owner from a BRP dealer authorized to distribute Can-Am ATVs in the country in which the sale occurred ("BRP dealer");
- The BRP specified pre-delivery inspection process must be completed and documented;
- The 2009 Can-Am ATV must have undergone proper registration by an authorized BRP dealer;
- The 2009 Can-Am ATV must be purchased in the country in which the purchaser resides;
- 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 the preceding conditions have 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 ATV upon the appearance of an anomaly. The customer must notify a servicing BRP dealer within two (2) days of the appearance of a defect, and provide it with reasonable access to the product and reasonable opportunity to repair it. The customer must also present to the authorized BRP 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 parts found defective under normal use, maintenance and service, or replacing such parts with new genuine Can-Am ATV parts without charge for parts and labor, at any authorized BRP dealer during the warranty coverage period under the conditions described herein. BRP's responsibility is limited to making the required repairs or replacements of parts. No claim of breach of warranty shall be cause for cancellation or rescission of the sale of the ATV 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) SUPPLIER WARRANTIES

A GPS receiver may be supplied by BRP as standard equipment on certain 2009 Can-Am ATV's. The GPS receiver is covered by the limited warranty issued by the GPS receiver's manufacturer and is not covered by this limited warranty. Please contact the following distributors:

### In the USA:

**Garmin International Inc.**  
1200 East 151<sup>st</sup> Street Olathe  
KS 66062  
(Kansas City metro area)  
Tel.: 913 397-8200  
Fax Number: 913 397-8282

### In Canada (one or the other):

**Raytech Électronique**  
1451, Boul. des Laurentides  
Vimont, Laval, Qc  
H7M 2Y3  
Tél.: 450 975-1015  
Télec.: 800 975-0025 / 450 975-0817  
Contact: [raytech@raytech.qc.ca](mailto:raytech@raytech.qc.ca)  
Web Site: [www.raytech.qc.ca](http://www.raytech.qc.ca)  
Coord. GPS: N45o35.25' - W73o42.95'

**Naviclub Ltée**  
5054, St-Georges  
Lévis, Qc  
G6V 4P2  
Tél.: 418 835-9279  
Télec.: 418 835-6681  
Contact: [naviclub@naviclub.com](mailto:naviclub@naviclub.com)  
Web Site: [www.naviclub.com](http://www.naviclub.com)

Your 2009 Can-Am ATV could be originally equipped with Carlisle<sup>†</sup> or ITP<sup>†</sup> branded ATV tires. The tires are warranted separately by the tire manufacturer. Please contact the manufacturer or ask your authorized BRP dealer for warranty coverage and assistance.

### Carlisle Tire & Wheel Company

23, Windham Boulevard  
Aiken, SC 29805  
Warranty Information:  
in USA 1 800 260-7959  
in Canada 1 800 265-6155  
in Quebec 1 877 997-4999

## 9) TRANSFER

If the ownership of a product is transferred during the warranty coverage period, this warranty shall also be transferred and be valid for the remaining coverage period provided that BRP is notified of such transfer of ownership in the following way:

1. The former owner contacts BRP (at the phone number provided below) or an authorized BRP dealer and gives the coordinates of the new owner; or
2. BRP or an authorized BRP 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 dealer's service manager or owner.

If the issue has not yet been resolved, please submit your complaint in writing or call the appropriate number below:

### **In Canada**

**BOMBARDIER RECREATIONAL PRODUCTS INC.**

CAN-AM VTT

Customer Assistance Center

75, J.-A. Bombardier Street

Sherbrooke, Québec J1L 1W3

Tel.: 819 566-3366

### **In USA**

**BRP US INC.**

CAN-AM VTT

Customer Assistance Center

7575 Bombardier Court

Wausau WI 54401

Tel.: 715 848-4957

\* In the USA, products are distributed and serviced by BRP US Inc.

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# **BRP INTERNATIONAL LIMITED WARRANTY: 2009 CAN-AM™ ATV**

## **1) SCOPE OF THE LIMITED WARRANTY**

Bombardier Recreational Products Inc. ("BRP")\* warrants its 2009 Can-Am ATV sold by authorized Can-Am distributors/dealers (as hereinafter defined) outside of the fifty United States, Canada and states members of the European Economic Area ("EEA") (which is comprised of the states member of the European Union plus Norway, Iceland and Liechtenstein) from defects in material or workmanship for the period and under the conditions described below.

All genuine Can-Am ATV parts and accessories, installed by an authorized Can-Am distributor/dealer (as hereinafter defined) at the time of delivery of the 2009 Can-Am ATV, carry the same warranty as that of the Can-Am ATV.

This limited warranty will become null and void if: (i) the ATV was used for racing or any other competitive activity, at any point, even by a previous owner; or (ii) the ATV 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.

## **2) LIMITATIONS OF LIABILITY**

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 WARRANTIES. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY. SOME JURISDICTIONS 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.

Neither the distributor, any Can-Am 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 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 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 Can-Am 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 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);
- Water or snow ingestion;
- Incidental or consequential damages, or damages of any kind including without limitation towing, storage, telephone, rental, taxi, inconvenience, insurance coverage, loan payments, loss of time, loss of income.

#### **4) WARRANTY COVERAGE PERIOD**

This warranty will be in effect from the date of delivery to the first retail consumer or the date the product is first put into use, whichever occurs first and for a period of:

SIX (6) CONSECUTIVE MONTHS, for private use or 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.

#### **5) CONDITIONS TO HAVE WARRANTY COVERAGE**

This warranty coverage is available **only** if **each** of the following conditions has been fulfilled:

- The 2009 Can-Am ATV must be purchased as new and unused by its first owner from a Can-Am distributor/dealer authorized to distribute Can-Am ATVs in the country in which the sale occurred ("Can-Am distributor/dealer");
- The BRP specified pre-delivery inspection process must be completed and documented;
- The product must have undergone proper registration by an authorized Can-Am distributor/dealer;
- The 2009 Can-Am ATV must be purchased in the country or union of countries in which the purchaser resides;
- 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 honour this limited warranty to any private use owner or commercial use owner if the preceding conditions have 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 ATV upon the appearance of an anomaly. The customer must notify a servicing Can-Am distributor/dealer within two (2) days of the appearance of a defect, and provide it with reasonable access to the product and reasonable opportunity to repair it. The customer must also present to the authorized Can-Am 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**

BRP's obligations under this warranty are limited to, at its sole discretion, repairing parts found defective under normal use, maintenance and service; or replacing such parts with new genuine Can-Am ATV parts without charge for parts and labour, at any authorized Can-Am distributor/dealer during the warranty coverage period under the conditions described herein. BRP's responsibility is limited to making the required repairs or replacements of parts. No claim of breach of warranty shall be cause for cancellation or rescission of the sale of the ATV 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 warranty shall also be transferred and be valid for the remaining coverage period provided BRP or an authorized Can-Am 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**

1. 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.

2. If further assistance is required, the distributor's service department should be contacted in order to resolve the matter.
3. If the matter still remains unresolved then contact BRP by writing to us at the address listed below.

**For countries within Europe, Middle East, Africa, Russia & CIS, please contact our European office:**

**BRP EUROPE N.V.**

Customer Assistance Center  
Skaldenstraat 125  
9042 Gent  
Belgium  
Tel.: + 32-9-218-26-00

**For Scandinavian countries, please contact our Finland office:**

**BRP FINLAND OY**

Service Department  
Ahjotie 30  
Fin-96320 Rovaniemi  
Finland  
Tel.: + 358 16 3208 111

**For all other countries, please contact your local distributor or our North America office:**

**BOMBARDIER RECREATIONAL PRODUCTS INC.**

Customer Assistance Center  
75, J.-A. Bombardier Street  
Sherbrooke, Québec J1L 1W3  
Tel.: 819 566-3366

You will find your distributor's coordinates on [www.brp.com](http://www.brp.com).

\* For the territory covered by this limited warranty, products are distributed and serviced by Bombardier Recreational Products Inc. or its affiliates.

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# **BRP LIMITED WARRANTY FOR THE EUROPEAN ECONOMIC AREA: 2009 CAN-AM™ ATV**

## **1) SCOPE OF THE LIMITED WARRANTY**

Bombardier Recreational Product Inc. ("BRP")\* warrants its new and unused model-year 2009 Can-Am ATVs sold by authorized BRP distributors/dealers ("Distributors/Dealers") in the states members of the European Economic Area ("EEA") (which is comprised of the states member of the European Union plus Norway, Iceland and Liechtenstein) from defects in material or workmanship for the period and under the conditions described below.

All genuine Can-Am ATV parts and accessories, installed by an authorized BRP Distributors/Dealers at the time of delivery of the 2009 Can-Am ATV, carry the same warranty as that of the ATV.

This limited warranty will become null and void if: (i) the ATV was used for racing or any other competitive activity, at any point, even by a previous owner; or (ii) the ATV 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.

## **2) LIMITATIONS OF LIABILITY**

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 WARRANTIES. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY. SOME JURISDICTIONS 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.

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 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 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 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 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);
- Water or snow ingestion;
- Incidental or consequential damages, or damages of any kind including without limitation towing, storage, telephone, rental, taxi, inconvenience, insurance coverage, loan payments, loss of time, loss of income.

#### **4) WARRANTY COVERAGE PERIOD**

This warranty will be in effect from the date of delivery to the first retail consumer or the date the product is first put into use, whichever occurs first and for a period of:

TWENTY-FOUR (24) CONSECUTIVE MONTHS for private use.

SIX (6) CONSECUTIVE MONTHS, for commercial or rental use.

The 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. The 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.

Note that the duration and any other modalities of the warranty coverage are subject to the applicable national or local legislation in your country.

#### **5) CONDITIONS TO HAVE WARRANTY COVERAGE**

This warranty coverage is available **only** if **each** of the following conditions has been fulfilled:

- The 2009 Can-Am ATV must be purchased as new and unused by its first owner from a Can-Am Distributor/Dealer authorized to distribute Can-Am ATVs in the country in which the sale occurred;
- The BRP specified pre-delivery inspection process must be completed and documented;
- The product must have undergone proper registration by an authorized Can-Am Distributor/Dealer;

- The 2009 Can-Am ATV must be purchased in the EEA;
- 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 honour this limited warranty to any private use owner or commercial use owner if the preceding conditions have 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 ATV upon the appearance of an anomaly. The customer must notify a servicing BRP Distributor/Dealer within two (2) months of the appearance of a defect, and provide it with reasonable access to the product and reasonable opportunity to repair it. The customer must also present to the authorized BRP 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.

Note that the notification period is subject to the applicable national or local legislation in your country.

## **7) WHAT BRP WILL DO**

BRP's obligations under this warranty are limited to, at its sole discretion, repairing parts found defective under normal use, maintenance and service, or replacing such parts with new genuine Can-Am parts without charge for parts and labor, at any authorized BRP Distributor/Dealer during the warranty coverage period under the conditions described herein. BRP's responsibility is limited to making the required repairs or replacements of parts. No claim of breach of warranty shall be cause for cancellation or rescission of the sale of the ATV to the owner.

In the event that 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.

## **8) TRANSFER**

If the ownership of a product is transferred during the warranty coverage period, this warranty shall also be transferred and be valid for the remaining coverage period provided BRP or an authorized BRP 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 further assistance is required, the distributor's service department should be contacted in order to resolve the matter.

If the matter still remains unresolved then contact BRP at the address listed below.

**For countries within Europe, Middle East, Africa, Russia & CIS, please contact our European office:**

**BRP EUROPE N.V.**

Customer Assistance Center

Skaldenstraat 125

9042 Gent

Belgium

Tel.: + 32-9-218-26-00

**For Scandinavian countries, please contact our Finland office:**

**BRP FINLAND OY**

Service Department

Ahjotie 30

Fin-96320 Rovaniemi

Finland

Tel.: + 358 16 3208 111

**For all other countries, please contact your local distributor or our North America office:**

**BOMBARDIER RECREATIONAL PRODUCTS INC.**

Customer Assistance Center

75, J.-A. Bombardier Street

Sherbrooke, Québec J1L 1W3

Tel.: 819 566-3366

You will find your distributor's coordinates on [www.brp.com](http://www.brp.com).

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## **PRIVACY OBLIGATION/DISCLAIMER**

We wish to inform you that your coordinates will be used for safety and warranty purposes. Sometimes, we also use the coordinates of our clients to inform them about our products and to present them offers. Should you prefer not to receive information on our product, services and offers, please let us know by writing to the address below.

Also note that, from time to time, carefully selected and trustworthy organizations may be permitted to use the coordinates of our clients to promote quality products and services. If you prefer not to have your name and address released, please let us know by writing to the address below.

### **BRP EUROPEAN DISTRIBUTION**

Warranty Department  
Chemin de Messidor 5-7  
1006 Lausanne Switzerland  
Fax Number: + 41213187801

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## CHANGE OF ADDRESS/OWNERSHIP

If your address has changed or if you are the new owner of the ATV, be sure to notify BRP by either:

- Mailing one of the following cards below
- Notifying an authorized Can-Am dealer.

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 ATV owner if necessary, like when safety recalls are initiated. It is the owner's responsibility to notify BRP.

**STOLEN UNITS:** If your personal ATV is stolen, you should notify BRP or an authorized Can-Am dealer. We will ask you to provide your name, address, phone number, the vehicle identification number and the date it was stolen.

### BRP EUROPEAN DISTRIBUTION

Warranty Department  
Chemin de Messidor 5-7  
1006 Lausanne  
Switzerland



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

V00A2F



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

V00A2F



**ATV MODEL No.** \_\_\_\_\_

**VEHICLE IDENTIFICATION NUMBER (V.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 dealer at the time of the sale.

DEALER IMPRINT AREA

V00A2IL

Please verify with your dealer to ensure your vehicle has been registered with BRP.

While reading this Operator's Guide, reminder that:

 **WARNING**

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



## WARNING

### **THIS VEHICLE CAN BE HAZARDOUS TO OPERATE.**

A collision or rollover can occur quickly, even during routine maneuvers such as turning and driving on hills or over obstacles, if you fail to take proper precautions.

**SEVERE INJURY OR DEATH** can result if you do not follow these instructions:

- **BEFORE YOU OPERATE THIS VEHICLE, READ THIS OPERATOR'S GUIDE AND ALL ON-PRODUCT LABELS.**
- **NEVER OPERATE THIS VEHICLE WITHOUT PROPER INSTRUCTIONS.** Beginners should complete a certified training course.
- **FOR MAX MODELS, NEVER CARRY MORE THAN ONE PASSENGER.** You increase your risk of losing control if you carry more than one passenger.
- **FOR 1 PASSENGER MODELS, NEVER CARRY A PASSENGER.** You increase your risk of losing control if you carry a passenger.
- **NEVER OPERATE THIS VEHICLE ON ANY PAVED SURFACE** unless it is for short distances, at reduced speed and in order to move the vehicle from an off-road location to another.
- **ALWAYS RESPECT THE ROAD TRAFFIC LAWS** when you operate this vehicle on the roadway, even a dirt or gravel road.
- **OPERATOR AND PASSENGER SHOULD ALWAYS WEAR AN APPROVED HELMET,** eye protection, and protective clothing.
- **NEVER RIDE UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.** They slow reaction time and impair judgment.
- **NEVER OPERATE THIS VEHICLE AT EXCESSIVE SPEEDS.** You increase your risk of losing control if you operate this vehicle at speeds too fast for the terrain, visibility conditions, or your experience. The maximum speed authorized with this vehicle is 65 Km/h.
- **NEVER ATTEMPT WHEELIES, JUMPS, OR OTHER STUNTS.**

219 000 609

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OPERATOR'S GUIDE, OUTLANDER 500, 650, 800R EFI / ENGLISH  
GUIDE DU CONDUCTEUR, OUTLANDER 500, 650, 800R EFI / ANGLAIS

FAIT AU / MADE IN CANADA

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