



# 2012 Operator's Guide

Includes Safety, Vehicle and Maintenance Information

# **OUTLANDER™ 800R/1000**

## A WARNING

Read this guide thoroughly. It contains important safety information. Minimum recommended operator's age: 16 years old. Keep this Operator's Guide in the vehicle.

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# YOUR VEHICLE CAN BE HAZARDOUS TO OPERATE. A collision or rollover can occur quickly, if you fail to take proper precautions, even during routine

maneuvers such as turning and driving on hills or over obstacles. For your safety, understand and follow all the warnings contained in this Operator's Guide and on 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.

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

# A 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.

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# FOREWORD

Congratulations on your purchase of a new Can-Am<sup>™</sup> 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 or bystanders being injured or killed, read this Operator's Guide before you operate the vehicle.

Also, read all safety labels on your ATV and watch attentively your *SAFETY DVD*.

This vehicle is mainly for general recreational use but it may also be used for utility purposes.

This vehicle is a category G, always follow this age recommendation:

 A person under 16 years old should never operate this vehicle.

Failure to follow the warnings contained in this Operator's Guide can result in SERIOUS INJURY or DEATH.

#### **Training Course**

Never operate this vehicle without proper instruction. Take a training course. All operators should receive training from a certified instructor.

For more information about ATV safety, contact an authorized Can-Am dealer to find out about available training courses nearest you.

### **Safety Messages**

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

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

**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. It is 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.

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

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**.

The information contained in this document are correct at the time of publication. However, BRP maintains a policy of continuous improvement of its products without imposing upon itself any obligation to install them on products previously manufactured. Due to late changes, some differences be-

#### FOREWORD

tween 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 DVD should remain with the vehicle when it is sold.

While reading this Operator's Guide, remember that:

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

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# SAFETY INFORMATION

# SPECIAL SAFETY MESSAGES

#### 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, if you fail to take proper precautions, even during routine maneuvers such as turning and driving on hills or over obstacles.

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

- Read this Operator's Guide and all on-product safety labels carefully and follow the operating procedures described. Watch and pay attention to the SAFETY DVD before operating the vehicle.
- Always follow this age recommendation: A person under 16 years old should never operate this vehicle.
- Never operate this vehicle without wearing an approved helmet of the proper size and other required riding gears. Refer to *RIDING GEAR* in the *RIDING THE VEHICLE* subsection for detailed information.
- Never carry a passenger on this vehicle. This vehicle is designed for an operator only. Do not make any modifications to accommodate a passenger or use racks to carry a passenger.
- This vehicle is not designed to ride on paved surfaces; if you must shortly use the vehicle on such surfaces, avoid abrupt inputs to steering, accelerator and brakes. Reduce your speed.
- This vehicle is not designed for riding on roads or highways (in most places it is an illegal practice). Riding your vehicle on roads or highways could cause a collision with another vehicle.
- Never ride this vehicle if you are tired, ill or under influence of alcohol or drugs. Your reaction time and judgement is greatly affected under these conditions.
- Never attempt wheelies, jumps, or other stunts.
- Never operate at excessive speeds. Always go at a speed that is proper for the terrain, visibility, and operating conditions, and your experience.
- Always go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating this vehicle.
- 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.
- Always follow proper procedures for turning as described in *RIDING TECH-NIQUES* in this Operator's Guide. Practice turning at low speeds before attempting to turn at faster speeds. Do not turn at excessive speed.
- Never operate this vehicle on hills too steep for the vehicle or for your abilities.
- Always follow proper procedures for climbing hills as described in *RIDING TECHNIQUES* in this Operator's Guide. Check the terrain carefully before you start up any hill. Never climb hills with excessively slippery or loose surfaces. Never go over the top of any hill at high speed.
- Always follow proper procedures for going down hills and for braking on hills as described in *RIDING TECHNIQUES* in this Operator's Guide. Check the terrain carefully before you start down any hill. 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.

# **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:

- Use only an approved red gasoline container to store fuel.
- Never fill a gasoline container on the vehicle. An electrical static discharge may ignite the fuel.

- For refueling, strictly adhere to instructions in *FUEL* subsection.
- Never start or operate the engine if the fuel cap is not properly installed.

Gasoline is poisonous and can cause injury or death.

- Never siphon gasoline by mouth.
- If you swallow gasoline, get any in your eye(s), 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 injury, and can render the vehicle illegal.

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

#### SPECIAL SAFETY MESSAGES

- Always follow proper procedures for crossing the side of a hill as described in *RIDING TECHNIQUES* in this Operator's Guide. Avoid hills with excessively slippery or loose surfaces. Never attempt to turn the vehicle around on any hill until you have mastered the turning technique on level ground. Avoid crossing the side of a steep hill if possible.
- 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 driving technique procedures as described in in *RIDING TECHNIQUES* 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 in *RIDING TECHNIQUES* in this Operator's Guide.
- Always be careful when skidding or sliding. 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 through deep or fast flowing water. Water should never exceed 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. Allow greater distance for braking.
- Always keep in mind that braking distance is readily affected by but not limited to; weather and terrain conditions, braking system and tire conditions, vehicle speed and attitude, and vehicle load including towing. Remember to adjust your driving accordingly.
- Never exceed the stated load limits for this vehicle including operator, 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. Refer to *PRE-RIDE INSPECTION* subsection in this Operator's Guide. Always follow the maintenance schedules as described in this Operator's Guide. Refer to *MAINTENANCE* section.
- Always maintain proper tire pressure. When replacing tires, use only the recommended tire size and type. For tire information, refer to *SPECIFICATIONS* in this guide.
- 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 resulting in injury.
- This vehicle is not designed for jumping, nor can it fully absorb the high impact energy generated during manoeuvres such as jumping which, can be passed on to you, the operator. Performing wheelies can cause the vehicle to flip over onto you. Both practices have a high risk for you and should be avoided at all times.

## **European Community**

The followings warnings applies only in the European Countries where on road usage is allowed.

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#### 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 or death.

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#### 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.

The following warning and their format have been requested by the United States Consumer Product Safety Commission and are required to be in the Operator's Guide for all ATVs.

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



### **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.

### HOW TO AVOID THE HAZARD

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

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

## A WARNING



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#### **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.



#### **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).

#### 



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#### **POTENTIAL HAZARD**

Allowing passenger to sit in any location on this vehicle.

#### WHAT CAN HAPPEN

Allowing a passenger could:

- Impair vehicle stability which could lead to a loss of control.
- Result in injury to passenger from impact on hard surfaces.
- Cause an accident, resulting in harm to you and/or your passenger.

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

This vehicle is designed for an operator only. Never allow any passenger on this vehicle.



#### **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.

## A WARNING



## **POTENTIAL HAZARD**

Riding this vehicle without wearing an approved helmet, eye protection and protective gear.

#### WHAT CAN HAPPEN

- 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 gear 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
- Gloves and boots
- Long sleeved shirt or jacket
- Long pants.



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### **POTENTIAL HAZARD**

Riding this vehicle under influence of alcohol or drugs.

### WHAT CAN HAPPEN

Could seriously affect your judgment.

Could cause you to react more slowly.

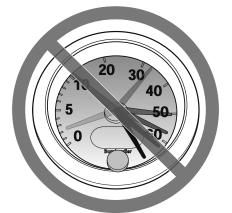
Could affect your balance and perception.

Could result in an accident or death.

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

The operator should never ride this vehicle under influence of alcohol or drugs.

## 



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 appropriate for the terrain, visibility and operating conditions, and your experience.



#### **POTENTIAL HAZARD**

Attempting wheelies, jumps and other stunts.

#### WHAT CAN HAPPEN

Increases the chance of an accident, including an overturn.

#### HOW TO AVOID THE HAZARD

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

## 

#### **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 prior to ride to make sure the vehicle is in safe operating condition.

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

## A 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.

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### **POTENTIAL HAZARD**

Removing hands from handlebars 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 must always keep both hands on the handlebars and both feet on the footrests during vehicle operation.

## A WARNING



### **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 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.



#### **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.

#### 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.



#### **POTENTIAL HAZARD**

Turning improperly.

#### WHAT CAN HAPPEN

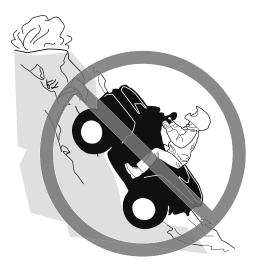
Vehicle could go out of control, causing a collision or an overturn.

## HOW TO AVOID THE HAZARD

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

Do not turn at excessive speed.

## 



### **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 on smaller hills before attempting larger hills.



#### **POTENTIAL HAZARD**

Climbing hills improperly.

#### WHAT CAN HAPPEN

Could cause loss of control or cause vehicle to overturn.

#### HOW TO AVOID THE HAZARD

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

Always check the terrain carefully before you start up any hill.

Never climb hills with excessively slippery or loose surfaces.

Shift your 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.

## A WARNING



### **POTENTIAL HAZARD**

Going down a hill improperly.

#### WHAT CAN HAPPEN

Could cause loss of control or cause vehicle to overturn.

#### HOW TO AVOID THE HAZARD

Always follow proper procedures for going down hills as described 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.

Shift your weight backward.

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.



#### **POTENTIAL HAZARD**

Improperly crossing hills or turning on hills.

#### WHAT CAN HAPPEN

Could cause loss of control or cause vehicle to overturn.

#### HOW TO AVOID THE HAZARD

Never attempt to turn the vehicle around on any hill until you have mastered the turning technique as described 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.

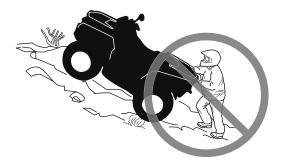
#### When crossing the side of a hill:

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

Avoid hills with excessively slippery or loose surfaces.

Operator must shift weight to the uphill side of the vehicle.

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## **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 brakes gradually.

Apply brake lock 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.

Apply brakes gradually.

When fully stopped, apply brakes and apply brake lock.

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

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



#### **POTENTIAL HAZARD**

Improperly operating over obstacles.

#### WHAT CAN HAPPEN

Could cause loss of control, or a collision.

Could cause the vehicle to overturn.

#### HOW TO AVOID THE HAZARD

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 in this Operator's Guide.



#### **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.

### HOW TO AVOID THE HAZARD

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.



#### **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 deep water.

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.



### **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.



#### **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 in this Operator's Guide for this vehicle.

Always maintain proper tire pressure as described in this Operator's Guide. Always replace wheels or tires that are damaged.

OPERATION WARNINGS

## 



#### **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 a passenger seat 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.

#### 



#### **POTENTIAL HAZARD**

Overloading this vehicle, 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 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.

**OPERATION WARNINGS** 



## PRE-RIDE INSPECTION

## A WARNING

Perform a pre-ride inspection before each ride to detect any potential problem that could occur during operation. The pre-ride inspection can help you monitor component wear and deterioration before they become a problem. Correct any problem 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 perform the following pre-ride inspection check list.

Correct any problem found before riding the vehicle. See an authorized Can-Am dealer if necessary.

#### **Pre-Ride Inspection Check List**

#### What to Do Before Starting the Engine (Key OFF)

ITEMS TO BE INSPECTED	INSPECTION TO PERFORM	~
Fluids	Check fuel, engine oil and coolant levels	
Leaks	Check for any leaks under vehicle	
Throttle lever	Activate throttle lever several times to ensure it operates freely. It must return to idle position when released	
Brake lock	Apply brake lock and check if it operates properly	
Tires	Check tire pressure and condition	
Wheels	Check wheels for damage	
Radiator	Check cleanliness of the radiator	
Drive shaft boots	Check drive shaft boots and protectors condition	
Seat	Check if operator seat is in place and properly latched	
Cargo	If you transport a cargo, respect the load capacity. Ensure cargo is properly secured to the racks	
	<ul> <li>If you are pulling a trailer or another equipment:</li> <li>Check hitch and trailer ball condition</li> <li>Respect the tongue capacity and towing capacity</li> <li>Ensure trailer is properly secured to hitch.</li> </ul>	
Storage compartment	Check if rear storage compartment is properly latched	
Chassis and suspension	Check underneath vehicle for any debris on chassis or suspension and clean them properly	

#### What to Do Before Starting the Engine (Key ON)

ITEMS TO BE INSPECTED	INSPECTION TO PERFORM	
Multifunction gauge	Check operation of indicator lamps in multifunction gauge (during first few seconds of key ON)	
	Check for messages on multifunction gauge	
Lights	Check operation and cleanliness of headlights and taillight	
	Check operation of low and high beams	
	Check operation of brake light	
	Check operation and cleanliness of turn signal lights	
	Check operation of hazard warning lights	
Horn	Check operation of the horn	

#### What to Do After the Engine is Started

ITEMS TO BE INSPECTED	INSPECTION TO PERFORM	~
Steering	Check if steering operates freely by completely turning it from side to side	
Shift lever	Check operation of shift lever (P, R, N, H and L)	
2WD/4WD selector	Check operation of 2WD/4WD selector	
Brakes	Drive forward slowly a few feet and apply brake lever and brake pedal individually. The brakes must fully apply. Lever and pedal must fully return when released	
Emergency engine stop switch	Check that the emergency engine stop switch is working properly	
Ignition switch	Check if ignition switch is working properly by restarting and stopping the engine	

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, a recognized ATV training organization or contact an authorized Can-Am dealer.

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 safety labels as well as the *SAFETYDVD* 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 that you know the controls and features of this vehicle. Equally important is knowing how to properly ride.

We recommend following the age recommendation indicated on the safety label affixed on the unit. Even though a person 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.

Individuals 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.

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. Show good judgement. Always proceed with caution. Please do not take any unnecessary risks that could leave you stranded or possibly injured.

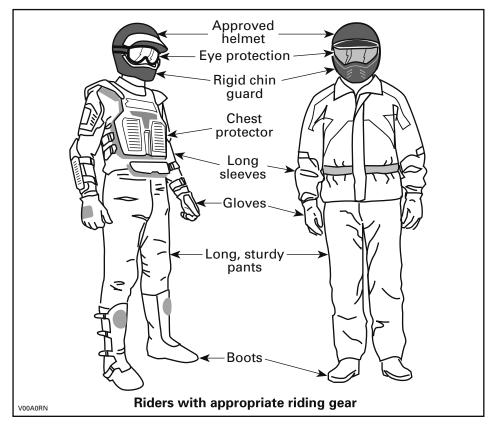
Never assume that the vehicle will go everywhere safely. Sudden changes in terrain caused by holes, depressions, banks, softer or harder "ground" or other irregularities may cause the vehicle to topple or become unstable. To avoid this, slow down and always observe the terrain ahead. If the vehicle does begin to topple or tip over, the best advice is to immediately get off AWAY from the direction of the tip over!

If a road usage is allowed in your area, operate your vehicle on paved surface 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. This vehicle is not equipped with a rear differential (rear wheels are always turning at the same speed). For this reasons, pavement may seriously affect the handling and control of the vehicle. 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 the observe and give direction to the other riders. The last person after crossing then assists the lead driver to cross. Do not travel on sidewalks. They are designated for pedestrian use.

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.

#### **Riding Gear**

Actual weather conditions should help you decide how to dress. Dress for the coldest weather expected. Thermal underwear next to the skin also provides a good insulation. It is important that the operator always wears the appropriate protective riding gear and apparel, including an approved helmet, eye protection, boots, gloves, a long sleeved shirt and pants. This type of clothing will provide you protection from some of the minor hazards you may encounter en route. The operator 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, anti-fogging 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.



#### **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 zigzag 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". Allow greater distance for braking.

Before you ride, tell someone where you are planning to travel and your expected time of return.

Depending on the length of your ride, carry additional tools, drinking water, food and emergency equipment. Find out where you can get additional gasoline and oil. Be prepared for the possible conditions you may encounter.

First aid kit	Adjustable wrench
Mobile phone	Knife
Friction tape	Flashlight
A rope	Colored lens goggles
Spare light bulbs	Trail map
Provided tool kit	Snack

#### 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 gate, close it again behind you.

Finally, do not pollute streams, lakes or rivers and do not modify the engine or exhaust 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-Road Operation**

The very nature of off-road 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.

#### **Riding Techniques**

Information in this guide is limited. Increase your knowledge and improve your skills by following a certified training course.

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

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

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.

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 permits.

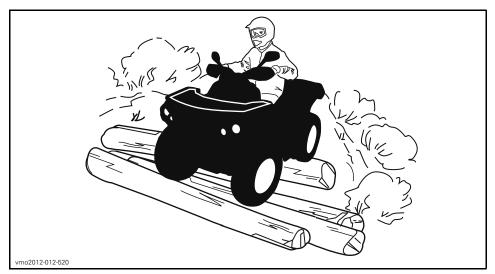
Constantly watch the terrain ahead for sudden changes in slopes or obstacles, such as rocks or stumps, that may cause loss of stability, resulting in tip over or rollover.

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

When stopped or parked, always set the shift lever to PARK position and apply the brake lock. 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.

#### **Body Position**

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 on the foot pegs. To minimize the possibility of a leg or foot injury, keep your feet on the foot pegs at all times. Do not direct your toes outwards nor extend your feet out to assist in turning as they can be hit or be snagged on passing obstacles, or may come into contact with the wheels.



Even though there is a suspension on this vehicle, there are "washboard" or rough terrain conditions that will make you feel uncomfortable and can even cause a back injury. "Posting" or riding in a crouched position will often be required. Slow down and allow your flexed legs to absorb part of the impact energy.

#### **Riding on Roads**

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 on sidewalks. They are designated for pedestrian use.

If road usage is allowed in your area, operate your vehicle on paved surface 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. This vehicle is not equipped with a rear differential (rear wheels are always turning at the same speed). For this reasons, pavement may seriously affect the handling and control of the vehicle.

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 the observe and give direction to the other riders. The last person after crossing then assists the lead driver to cross. Do not travel on sidewalks. They are designated for pedestrian use.

#### Turning

Practice turning at low speeds before attempting to turn at faster speeds.

Keep both hands on handlebars and feet on foot pegs.

Maintain a constant speed or a slight acceleration during turn.

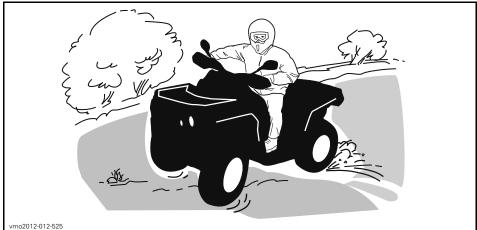
To reduce the risk of rollovers:

- Use care when turning.
  - Do not turn the handlebar too far or too fast for your speed and environment. Adjust steering inputs accodingly.
  - Slow down before entering a turn. Avoid hard braking during a turn.
  - Avoid sudden or hard acceleration when turning, even from a stop or low speed.
- Never attempt donuts, skids, slides, fishtails, jumps, or other stunts. If vehicle starts to skid or slide, steer in the direction of the skid or slide. Never slam the brakes and lock the wheels.
- Avoid paved surfaces. This vehicle is not designed to operate on paved surfaces and is more likely to roll over. If you must drive on pavement, turn gradually, go slowly, and avoid abrupt acceleration and braking.

Avoid sudden inputs to steering, throttle or brakes while turning.

## WARNING

Do not attempt turns at excessive speed.



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

#### Braking

Always keep both hands on handlebars and feet on foot pegs when braking.

Practice braking to get familiar with the brake response.

- Do it at low speed first, then increase the speed.
- Practice braking in straight line at different speeds and different braking force.
- Practice emergency braking; optimal braking is obtained in straight line, with high force applied, without locking the wheels.

#### SAFETY INFORMATION

Remember, braking distance depends on vehicle speed, load and the type of surface. Also, the tires and brakes conditions play a major role.

**NOTE:** If going forward 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.

#### **Reverse Operation**

When operating in reverse, check that the path behind the vehicle is free of people or obstacles. Proceed slowly and avoid sharp turns.

We recommend sitting on your ATV when operating in reverse. Avoid standing up. Your weight could shift forward against throttle lever, causing an unexpected acceleration.

#### Obstacles

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. 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 firmly. Place operator 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.

#### **Uphill Driving**

Due to configuration, this vehicle has excellent climbing ability, so much so that it is possible to tip over 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 moves rearward, a tip over can occur.

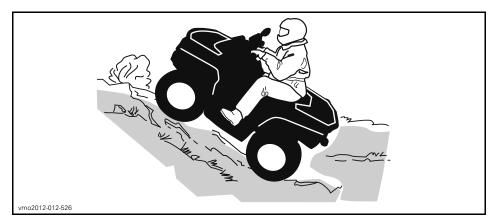
The same situation may apply if an embedded object causes the front of the vehicle to climb more than desired. If such a situation occurs take an alternate route. Be aware of side hilling dangers when doing so. Refer to *SIDE HILLING*.

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.

To avoid stalling, use proper gear and maintain a steady speed when climbing a hill. If it is necessary to increase power to maintain a constant speed, do it gradually, without any sudden inputs to throttle lever. Keep your body weight forward towards the top of the hill. Keep your feet on the footpegs. Maintain a constant speed if possible. Do not accelerate abruptly or 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 LH brake lever, being careful not to slide. Put the brake lock, dismount, then remove the brake lock while maintaining brakes applied. 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

#### **SAFETY INFORMATION**

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.

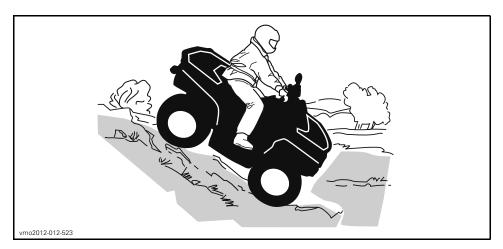


#### **Downhill Driving**

This vehicle can climb slopes that are steeper than it can safely descend. Therefore, it is essential to ensure 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.

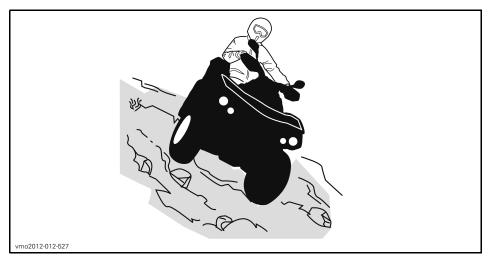
Keep your body weight rearwards. Apply the brake gradually to prevent skidding. Do not "coast" down the slope using solely engine compression or in neutral gear.



#### Side Hilling

This is one of the **most risky** types of riding since it may drastically change the balance of the vehicle. It should be avoided whenever possible. However, if it is necessary to do so, 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.** 

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

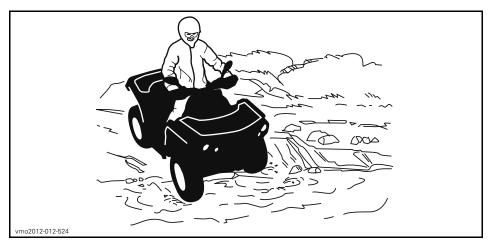
This vehicle will "bottom-out" and usually stop if either the front or rear wheels are driven over a drop-off. If the drop is sharp or deep, the vehicle will nose dive and tip over.

## 

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

#### **Crossing Water**

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. 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.

#### **Riding on Ice**

If your route crosses frozen waterways, make sure the ice is thick enough and sound enough to support the total weight of yourself, the vehicle and its load. Be ever watchful of open water it is a sure indication that the ice thickness will vary.

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 tip over of the vehicle. Avoid rapid braking. This again will possibly result in an uncontrolled slide and tip over of the vehicle. Slush should be avoided at all times since it could block the operation or controls of the vehicle.

#### **Riding on Snow Covered Surfaces**

When performing the pre-ride inspection, pay special attention to locations on the vehicle where snow and/or ice accumulations may obstruct visibility of the taillight and reflectors, clog ventilation openings, block the radiator and fan, and interfere with the movement of control levers, switches and brake pedal. Before starting with your ATV check the steering, throttle and brake lever and pedal controls for interference free operation.

Whenever an ATV is ridden on a snow covered drive path the tire grip is generally reduced causing the vehicle to react differently to control inputs from the operator. On low grip surfaces, the steering responses are not as crisp and precise, stopping distances are lengthened and acceleration becomes sluggish. Slow down and do not "gun" the throttle. This will only result in spinning of the tires and possibly in an over steering slide of the vehicle. Avoid hard braking. This will possibly result in a straight line slide of the vehicle. Again, the best advice is to safely reduce speed in anticipation of a maneuver so to give yourself time and distance to regain total vehicle control before it spins out of your control.

As you drive your ATV over a loose snow covered surface, snow dust will be picked up in the wake turbulence of the moving vehicle and transported to contact and accumulate or melt on some exposed components including rotating parts like brake discs. Water, snow or ice may affect the response time of the brake system of your ATV. Even when not required to reduce vehicle speed apply brakes frequently to prevent ice or snow accumulation and to dry brake pads and discs. While doing so in low risk driving situations you will test for grip level and keep yourself alerted to how the vehicle reacts to your control inputs. Always keep brake pedal, footrests, floor boards, brake and throttle levers free of snow and ice. Frequently wipe snow off seat, hand grips, headlights, taillights and reflectors.

The depth of the snow cover may hide rocks, tree stumps or other objects and if it is wet may totally impede the driveability as the vehicle becomes bogged down or completely looses traction in slushy snow. Look far ahead and always be watchful of any visible clues that might indicate the presence of such obstacles. In doubt steer clear. Avoid driving on any frozen body of water before checking that the ice will safely support the ATV, its riders and its load of cargo. Remember that a given thickness of ice may be sufficient to support a snowmobile but not an ATV of an identical weight because of the smaller load bearing surface of the four tire contact patches as compared to that of a snowmobile track and skis.

To maximize comfort and avoid frostbite, always wear clothing and ATV protective equipment appropriate for the weather conditions you will be exposed to during your ride.

At the end of each ride it is a good practice to clean the vehicle body and all moving components (brakes, steering components, drivelines, controls, radiator fan etc.) from any snow or ice accumulations. Wet snow will turn to ice during the shut down period and become more difficult to remove at the next pre-ride inspection.

Riding in snow may reduce the brakes stopping capability. 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.

#### **Riding on Sand**

Riding on sand, 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 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.

#### **Riding on Loose Stones**

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 tip over 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. Never do it deliberately.

## **MOVING LOADS AND DOING WORK**

#### **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. To prevent possible injury, follow the instructions and warnings that accompany the accessory. Always respect the load limits of the vehicle. Overloading the vehicle can overstress the components and cause failure. Avoid overexerting yourself if you lift or pull heavy loads or manually push the vehicle.

#### **Carrying Loads**

Any load carried on the vehicle and/or the carrying rack(s) will affect the handling, stability and braking distance of the vehicle. Do not exceed the load limits of the vehicle, including the weight of operator, cargo, accessories and trailer tongue weight. Always make sure the load is secured, properly distributed 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 headlights or taillight with the cargo.

## 

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 braking. 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.

MAXIMUM LOAD TABLE			
TOTAL LOAD ALLOWED	235 kg	Includes weight of operator, cargo, accessories and trailer tongue weight.	
FRONT LOAD	45 kg	Evenly distributed.	
REAR LOAD	90 kg	Evenly distributed. Includes rear rack, rear storage box and tongue load.	

## **Pulling a Trailer**

## **NOTICE** A BRP approved rear hitch plate must be properly installed on the vehicle for hauling trailers.

If a trailer is used behind the vehicle 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 or cables to secure the trailer with the vehicle.

Improperly loading a trailer may cause loss of control. Respect the recommended maximum hauling capacity and maximum tongue load (Refer to *MAXIMUM HAUL-ING CAPACITY* table). Make sure there is at least some weight on the tongue.

Always make sure load is evenly distributed and safely secured on the trailer; an evenly balanced trailer is easier to control.

Always put the shift lever to L (low range) for hauling a trailer – in addition to providing more torque, operating in low range helps account for the increased load on the rear tires.

When stopped or parked, block the vehicle and trailer wheels from possible movement.

Use caution when disconnecting a loaded trailer; it or its load may topple on you or others.

MAXIMUM HAULING CAPACITY		
TRAILER LOAD ALLOWED	TONGUE WEIGHT ALLOWED	NOTE
135 kg	14 kg	Includes trailer and trailer load. Ensure to properly load the trailer so that tongue is always pushing on hitch support and not pulling on hitch ball.

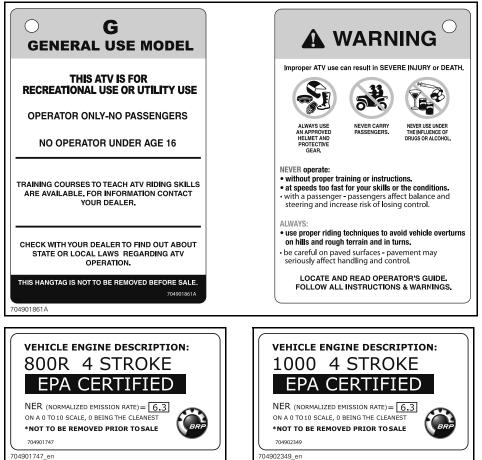
When hauling a trailer, respect the following maximum hauling capacity.

## **IMPORTANT ON-PRODUCT LABELS**

## 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.



800R MODELS



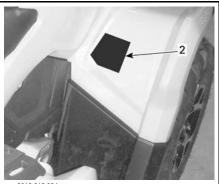
#### Vehicle Safety Labels

Read and understand all the safety labels on your vehicle.

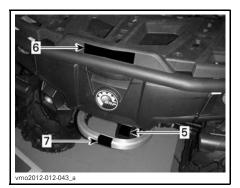
The safety labels on your vehicle should be considered permanent parts of the vehicle. If missing or damaged, they can be replaced free of charge. See an authorized Can-Am dealer.

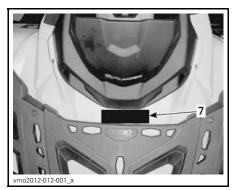
**NOTE:** The following illustrations used in this Operator's Guide are a general representation only. Your model may differ.

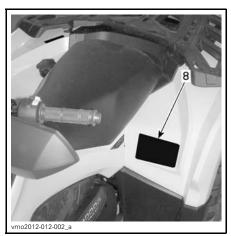




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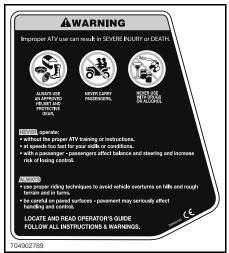


#### IMPORTANT ON-PRODUCT LABELS



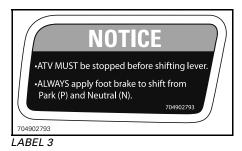


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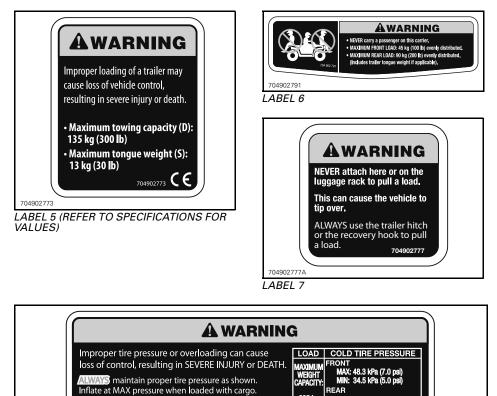








LABEL 4



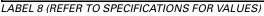
REAR

235 kg (517 lb)

MAX: 48.3 kPa (7.0 psi) MIN: 34.5 kPa (5.0 psi)

704902783

704902783



ATV LOADING and TRAILER TOWING

-allow more distance to stop

-avoid hills and rough terrain

-reduce speed

**NEVER** set tire pressure below minimum. It could cause the tire to disloge from the rim. NEVER exceed the vehicle load capacity of 235 kg (517 lb)

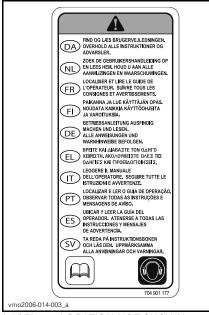
Including weight of operator, cargo, accessories and trailer tongue weight.

Cargo loading or trailer towing can affect stability and handling. Load must be properly ditributed on racks.
 When loaded with cargo or towing a trailer:

IMPORTANT ON-PRODUCT LABELS



LABEL 9 - LOCATION NOT SHOWN



LABEL 10 - LOCATION NOT SHOWN



LABEL 11

#### **Compliance Labels**

These labels indicate vehicle's compliance.



LOCATION: UNDER SEAT, ON THE UPPER BAR OF FRAME

(EMISSION CONTROL INFORMATION		
THIS VEHICLE IS CERTIFIED TO OPERATE ON		
UNLEADED GASOLINE AND MEETS TO XXXX U.S. EPA		
AND CALIFORNIA REG	ULATIONS FOR ATV SI	ENGINES.
ENGINE FAMILY	XXX XXXXXXXX	FAMILLE DE MOTEUR
PERMEATION FAMILY	XXX XXXXXXXX	FAMILLE DE PERMEATION
CERTIFICATION	XXX X XXXX XX	LIMITE DES ÉMISSIONS
STANDARD (FEL)		DE LA FAMILLE
ENGINE DISPLACEMENT	XXX XX XXX	CYLINDRÉE
EXHAUST EMISSION	ХХ	SYSTÈME DE CONTRÔLE
CONTROL SYSTEM	~~~~	DES ÉMISSIONS
RENSEIGNEMENTS SUR LE DISPOSITIF ANTIPOLLUTION		
CE VÉHICULE EST CER		
SANS PLOMB ET IL RÉ		
		R LES VIT À MOTEUR SI.
REGLEMENTATIONS C	ALIFORNIENNES POUR	LES VITA MOTEOR SI.
SEE OPERATOR'S GUIDE FOR MAINTENANCE SPECIFICATIONS		
VOIR GUIDE DU CONDUCTEUR POUR LES SPÉCIFICATIONS D'ENTRETIENS		
BOMBARDIER RECREATIONAL PRODUCTS INC.		
		)
vmo2010-001-302_a		

LOCATION: UNDER SEAT, ON THE UPPER BAR OF FRAME

#### **Technical Information** Labels

AIR FILTER MAINTENANCE MAINTENANCE MUST BE PERFOMED AS SPECIFIED IN THE OPERATOR'S GUIDE. AIR FILTER MAINTENANCE SHOULD INCREASE IN FREQUENCY IN MORE SEVERE (DUSTY) CONDITIONS.

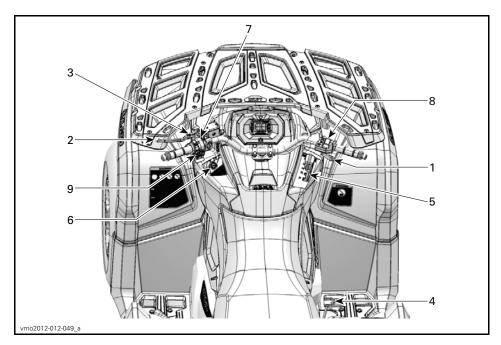
ENTRETIEN DU FILTRE À AIR L'ENTRETIEN DOIT ÊTRE EFFECTUÉ TEL QUE SPÉCIFIÉ DANS LE GUIDE DU CONDUCTEUR.ENTRETENIR LE FILTRE À AIR PLUS SOUVENT DANS DES CONDITIONS PLUS EXTRÊMES (MILIEUX POUSSIÉREUX). 707800373

707800373

LOCATION: UNDER SEAT, ON THE UPPER BAR OF FRAME

# VEHICLE INFORMATION

## CONTROLS



#### 1) Throttle Lever

The throttle lever is located on the RH side of the handlebar.

The throttle lever controls the engine speed.

To increase or maintain vehicle speed, press the throttle lever with your right thumb.

To decrease vehicle speed, release the throttle lever.

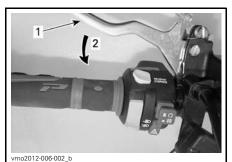


TYPICAL 1. Throttle lever 2. To accelerate

To accelerate
 To decelerate

## 2) LH Brake Lever

The LH brake lever is located on the LH side of the handlebar.



#### TYPICAL

- 1. Brake lever
- 2. To apply brakes

The brake lever function is to slow down or stop the vehicle.

When the brake lever is compressed, the front and rear brakes are applied.

Braking effect is proportional to the force applied on the lever.

## 3) Brake Lock

The brake lock is located on the LH side of the handlebar.

The brake lock function is to apply brake to all wheels to prevent vehicle from moving when parked.

## WARNING

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

To engage brake lock: 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 brake locks

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

## WARNING

Brake lock position can vary depending on brake pads wear.

**NOTICE** Ensure when the brake lock is applied that the vehicle stays securely in place.

To release brake lock: Squeeze brake lever. Lever lock should automatically return to its original position. Brake lever should return to rest position.

## 

Make sure brake lock is released before operating the vehicle. If brake lock is left ON while riding, it may cause damage to the brake system and cause loss of braking capacity and/or fire.

#### CONTROLS

#### 4) Brake Pedal

The brake pedal is located on the RH side of the vehicle near engine.

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



1. Brake pedal

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

Braking effect is proportional to the force applied on the pedal.

**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.

#### 5) Shift Lever

The shift lever is located on the RH side of the vehicle near steering column.



SHIFT LEVER LOCATION

The shift lever is used to change the gearbox position.

The shift lever has 5 positions:

SHIFT LEVER POSITIONS		
POSITION	GEAR	
Р	Park	
R	Reverse	
Ν	Neutral	
Н	High range (forward)	
L	Low range (forward)	



SHIFT PATTERN

The vehicle must be stopped and brakes applied prior to selecting any gear.

**NOTICE** This gearbox is not designed to shift while vehicle is moving.

#### P: Park

The park position locks the gearbox to help prevent vehicle movement.

## WARNING

Always use the PARK (P) position when the vehicle is not in operation. The vehicle can roll if the shift lever is not set to P (PARK).

#### R: Reverse

The reverse position allows the vehicle to go backwards.

NOTE: In reverse operation, the engine's RPM is limited, thus limiting the vehicle reverse speed.

#### A WARNING

When driving downhill in reverse, gravity can increase the vehicle speed above the set limited reverse speed.

#### Neutral

The neutral position disengages the gearbox.

## A WARNING

Always use the PARK (P) position when the vehicle is not in operation. The vehicle can roll if the shift lever is set to N (NEUTRAL).

#### High Range (Forward)

This position selects the high speed range of the gearbox. It is the normal driving speed range. It allows the vehicle to reach its maximum speed.

#### Low Range (Forward)

This position selects the low speed range of the gearbox. It allows the vehicle to move slowly with maximum torque at the wheels.

**NOTICE** Use the low speed range to pull a trailer, carry heavy cargo, go over obstacles or drive uphill and downhill.

#### **Ignition Switch** 6)

The ignition switch is located on the LH side of the central panel below the handlebar



IGNITION SWITCH POSITIONS

- 1. OFF
- ON "with light"
   ON "without light"

#### OFF

The key can be inserted or removed in this position only.

In OFF position, the electrical system of the vehicle is disabled.

The engine is shut down by turning the ignition switch to OFF position.

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

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

#### **ON with Lights**

When the key is turned in this position, the electrical system of the vehicle is activated.

#### CONTROLS

The gauge should wake-up.

The vehicle lights are turned on.

The engine can be started.

#### ON

This position offers the same functions as ON with lights position, except the vehicle lights are turned off.

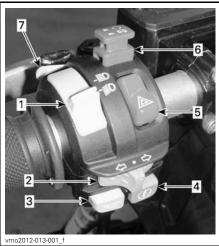
#### **Digitally Encoded Security System** (D.E.S.S.)

The ignition keys contain an electronic circuit that gives it a unique electronic serial number.

The D.E.S.S. system reads the key code and allows engine starting for keys it recognizes.

#### Multifunction Switch 7)

The multifunction switch is located on the LH side of the handlebar.

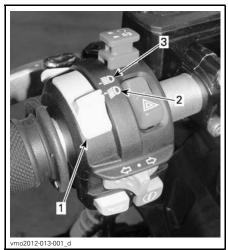


#### **TYPICAL - MULTIFUNCTION SWITCH**

- 1. Low/High Beam Headlight switch
- 2. Turn signal switch
- 3. Horn button
- Engine start button
   Hazard warning button
- 6. Emergency engine stop switch
- 7. Override/DPS button

#### Low/High Headlight Switch

This switch is used to select either the headlights low or high beams.



1. Low/High Beam Headlight switch

- 2. Low beam
- 3. High beam

#### **Turn Signal Switch**

The turn signal switch is located on the I H side of handlebar.



1. Turn signal switch

To activate the turn signals, move 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.

#### **Horn Button**

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



**TYPICAL** 1. Horn button

#### **Engine Start Button**



TYPICAL 1. Engine start button

When engine start button is pressed and held, it starts the engine.

**NOTE:** To allow engine starting, the ignition switch must be in the ON or ON with lights position and the emergency engine stop button set to RUN.

#### **Hazard Warning Button**

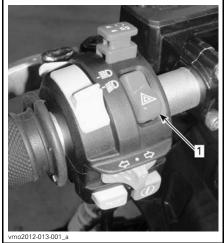
The hazard warning button is located on the LH side of handlebar.

While reading this Operator's Guide, remember that:

## A WARNING

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

#### CONTROLS



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.

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

#### **Emergency Engine Stop Switch**



1. Emergency engine stop switch

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

To stop engine, set the emergency engine stop switch to the STOP position.

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

#### **Override/DPS Button**

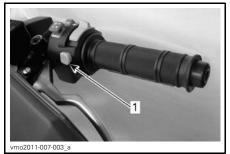
Depending on the vehicle model, this button has up to 2 functions.

While reading this Operator's Guide, remember that:

## 

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

#### **Override Function**



1. Override button

The override switch main function is to bypass the engine speed limiter in reverse operation by allowing maximum engine torque.

## WARNING

Only use the override to help get the vehicle unstuck from mud or other soft terrain. Do not use the override for normal operation in reverse. This would allow driving in reverse at excessive speeds and can increase the risk of losing control.

To engage the override function, proceed as follows:

While the shift lever is set to REVERSE position.

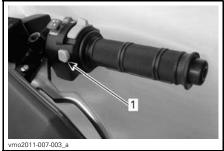
- 1. Ensure that the vehicle is stopped.
- 2. Press and hold the override switch then press the throttle lever gradually.

**NOTE:** When using the override function, the gauge will scroll an **OVER-RIDE** message to confirm that the function is activated.

3. To disengage the override function, simply release the override switch.

#### **DPS** Function

XT Models



1. DPS button

The DPS function is used to change the DPS (Dynamic Power Steering) mode.

To change the DPS mode, proceed as follows:

- 1. Move shift lever in park position.
- 2. Press and hold **DPS** button for 4 seconds.

**NOTE:** The DPS adjustment will not be possible if the vehicle transmission is set to **REVERSE**.

#### 8) 2WD/4WD Selector

The 2WD/4WD selector is located on the RH side of the handlebar.



TYPICAL

1. Selector

- 2. 2WD position
- 3. 4WD position

#### CONTROLS

This switch selects 2 Wheel Drive or 4 Wheel Drive mode when the vehicle is stopped and the engine is running.

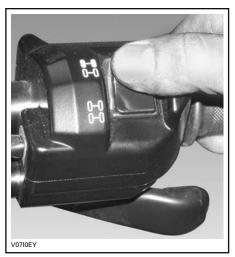
**NOTICE** The vehicle must be stopped to engage or disengage 2WD/4WD switch. Mechanical damage may occur if switch is engaged or disengaged while driving.

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



4WD MODE - TYPICAL

The 2WD mode is engaged when the switch is pushed upwards. The vehicle is then rear wheel drive only.



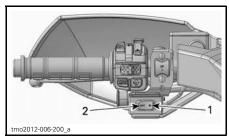
2WD MODE - TYPICAL

#### 9) Winch Control Switch

This switch controls the winch operation.

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

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



**TYPICAL** 1. In 2. Out

While reading this Operator's Guide, remember that:

## A WARNING

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

**NOTE:** Using the winch intensively over a long period of time may discharge the battery.

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

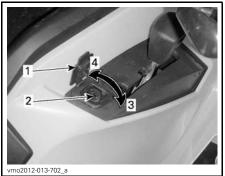
**NOTE:** A winch remote control is also provided with the vehicle to ease winch operation, refer to *WINCH RE-MOTE CONTROL* in the *EQUIPMENT* section.

### 10) Shift Lever Lock

The shift lever can be locked when the vehicle is parked and left unattended.

To unlock shift lever, open protective cover, insert key and turn it clockwise.

To lock shift lever, turn key counterclockwise.



#### SHIFT LEVER LOCKING MECHANISM

- 1. Protective cover
- 2. Keylock
- 3. Turn key clockwise to unlock
- 4. Turn key counterclockwise to lock

**NOTE:** The vehicle will not be locked if the shift lever is not placed in park position when the mechanism is engaged.

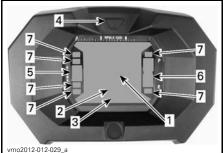
### **MULTIFUNCTION GAUGE**

### WARNING

Reading the multifunction gauge display can distract from the operation of the vehicle, particularly from constantly scanning the environment.

### **Multifunction Gauge** Description

The multifunction gauge is located in the middle of the handlebar.



- 1. Display 1

- Display 1
   Display 2
   Display 3
   Display selector button
   Transmission position display
- 6. Fuel level display
- 7. Indicator lamps

### Speedometer

This display will show vehicle speed.

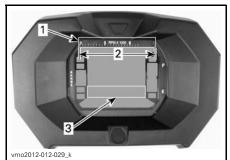


1. Vehicle speed (Display 1)

#### Tachometer

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

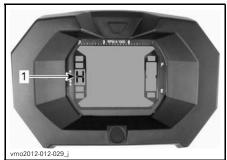
**NOTE:** RPM can also be displayed via Display 2 (mode) display. Refer to DIS-PLAY 2 (MODE) in this subsection.



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

#### **Transmission Position Display**

This display will show transmission position.



Transmission position 1.

DISPLAY	FUNCTION
Р	Park
R	Reverse
N	Neutral
Н	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 continuously indicates the fuel level in the fuel tank.



1. Fuel level display

#### Low Fuel Level Indicator Lamp



When this indicator turns ON, it indicates that there is approximately 2.0 L of fuel left in fuel tank.

#### 4WD Indicator Lamp



When this indicator is ON, it indicates the **4WD** system is activated.

### Brake Lock Indicator Lamp



When this indicator is ON, it indicates the brake lock is activated.

#### **High Beam Indicator Lamp**



When this indicator is ON, it indicates that **high beam** is selected.

#### **Check Engine Indicator Lamp**



When this indicator is ON, it indicates an engine fault code, look for a message at the LCD display.

Refer to *TROUBLESHOOTING* section for more details.

#### Turn Signal Light Indicator Lamp



When this indicator is ON, it indicates the turn signal lights are in operation.

### **Multifunction Gauge Features**

### A WARNING

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

GAUGE FEATURES				
FUNCTIONS	800	800 XT	1000	1000 XT
A) Odometer (ODO)	Х	Х	Х	Х
B) Clock (CLOCK)	Х	Х	Х	Х
C) Trip meter (TRIP)	Х	Х	Х	Х
D) Hour meter (TRIP TIME)	Х	Х	Х	Х
E) Vehicle hour meter (ENGINE HOURS)	Х	Х	X	х
F) Engine RPM	Х	Х	Х	Х
X = An X indicates a standard feature				

The modes can be displayed by pressing the selector button.

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



1. Displav 2 (mode)

2. Display 3 (mode/message)

#### A) Odometer

Records the total distance travelled.

#### B) Clock

Shows current time.

#### C) Trip Meter

Records the distance travelled since it has been reset.

Press and HOLD display selection button to reset.

#### D) Hour Meter (Trip Time)

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

Press and HOLD display selection button to reset.

#### E) Engine Hour Meter

Records engine running time.

### F) Engine RPM

Measures engine revolutions per minute (RPM).

#### Multifunction Gauge Set-Up

### 

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

### Unit Selection (MPH vs KM/H)

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

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

#### Language Selection

The gauge can be set in different languages.

To have the gauge setup to your preferred available language, contact an authorized Can-Am dealer.

#### **Clock Setting**

To set current time, proceed as follows:

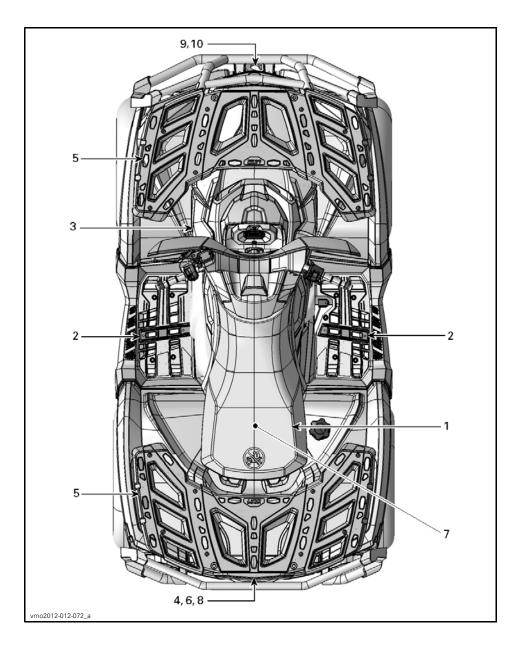
1. Select the clock display.



- 1. Time (Display 2)
- 2. Message (Display 3)

- 2. Press and HOLD button (SET TIME will appear on display 3).
- 3. Choose the 12-hour (12H) or 24-hour (24H) format by pressing button.
- 4. If the 12-hour format was selected, choose Am ("A") or Pm ("P") by pressing button.
- 5. Press and HOLD button.
- 6. Choose hour first digit by pressing button.
- 7. Press and HOLD button.
- 8. Choose hour second digit by pressing button.
- 9. Press and HOLD button.
- 10. Choose minutes first digit by pressing button.
- 11. Press and HOLD button.
- 12. Choose minutes second digit by pressing button.
- 13. Press button to enter settings (CLOCK will appear on display 3).

### EQUIPMENT



### 1) Operator's Seat

The seat is designed for an operator only.

### 

Never allow anyone to seat as a passenger on this vehicle.

#### Seat Removal

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



<sup>1.</sup> Seat latch

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 console openings. 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.

### 

Confirm that the operator's seat is properly locked in position by pulling back and up several times.

### 2) Footpeg

The footpegs are located on the RH and LH side of the vehicle near engine.



TYPICAL 1. Operator's RH footpeg

### 3) 12-Volt Power Outlet

Convenient for handheld spotlight or other portable equipment.



1. 12V power outlet

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

Do not exceed the rating capacity. Refer to *SPECIFICATIONS* subsection.

### 4) Rear Storage Compartment

Convenient location to carry personal articles.

#### FOUIPMENT



1. Rear storage compartment cover

### 

Always engage the PARK position on the shift lever before opening cover. Never leave any heavy or loose breakable objects in the storage area. Always latch cover before riding.

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

#### To Open Rear Storage Compartment

Unlatch cover and gently lower cover.



1. Rear storage compartment latch

#### To Close Rear Storage Compartment

Gently lift and push cover until the latch clicks.

### 5) Cargo Racks

Cargo racks are convenient for carrying equipment and various other cargo. They must never be used to carry a passenger.



FRONT CARGO RACK



REAR CARGO RACK

### WARNING

- Never carry a passenger on a cargo rack.
- Cargo must never interfere with the drivers line of sight or affect his ability to properly steer the vehicle.
- Do not overload the vehicle.
- Always ensure all cargo is properly secured and does not extend out pass the racks.

Refer to SPECIFICATIONS subsection for cargo weight recommendations.

### 6) 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* subsection for carrying loads and towing recommendations.



TYPICAL 1. Trailer hitch

### 

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

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

### 7) Tool Kit

The tool kit is located under seat. It contains tools for basic maintenance.

### 8) Winch Remote Control

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

The winch remote control is located in the rear storage compartment.



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 under the LH handlebar controls.



TYPICAL 1. Remote control connection

**NOTE:** Using the winch intensively over a long period of time may discharge the battery.

Refer to *BASIC GUIDE TO WINCHING TECHNIQUES* for more information about the winch.

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

### 9) Winch

The winch can be actuated using the winch control switch or with the remote control.

#### EQUIPMENT



1. Winch

- Roller fairlead
   Winch hook

NOTE: Using the winch intensively over a long period of time may discharge the battery.

Refer to *BASIC GUIDE TO WINCHING TECHNIQUES* for more information about the winch.

### **10) Roller Fairlead**

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



- Winch 1.
- 2. Roller fairlead 3. Winch hook

### FUEL

### **Recommended Fuel**

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

MINIMUM OCTANE RATING		
Inside North America	87 ((R + M)/2)	
Outside North America	92 RON	

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

### Vehicle Fueling Procedure

### WARNING

- 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.
- 1. Stop engine.

### 

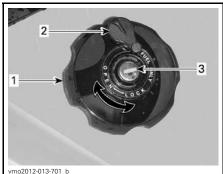
Always stop engine before refueling.

2. Have operator get off vehicle.

### WARNING

Do not allow anyone to remain on the vehicle while fueling. If there is a fire or explosion during fueling, a vehicle occupant could be unable to quickly leave the area.

- 3. Slide protective cover away from fuel tank cap lock.
- 4. Insert key in fuel tank cap lock.
- 5. Turn key counterclockwise to unlock fuel tank cap.
- 6. Unscrew slowly the fuel reservoir cap counterclockwise to remove it.



#### RH REAR FENDER

- 1. Fuel tank cap
- 2. Protective cover
- 3. Fuel tank cap lock

### WARNING

If a differential pressure condition is noticed (whistling sound heard when loosening fuel reservoir cap) have vehicle inspected and/or repaired before further operation.

- 7. Insert the spout into the filler neck.
- 8. Pour fuel slowly so that air can escape from the tank and prevent fuel flow back. Be careful not to spill fuel.
- 9. Stop filling when the fuel reaches the bottom of filler neck. **Do not overfill.**

### 🛦 WARNING

Never top up the fuel tank before placing the vehicle in a warm area. As temperature increases, fuel expands and may overflow.

- 10. Fully tighten fuel reservoir cap clockwise.
- 11. Lock fuel tank cap by turning key clockwise.

### **A** WARNING

Always wipe off any fuel spillage from the vehicle.

**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.

### **BREAK-IN PERIOD**

### **Operation During Break-In**

A break-in period of 300 km or 10 operating hours is required for the vehicle.

After the break-in period, the vehicle should be inspected by an authorized Can-Am dealer.

### Engine

During the break-in period:

- Avoid full throttle operation
- Maximum throttle should not exceed 3/4
- Avoid sustained accelerations
- Avoid prolonged cruising speeds
- Avoid engine overheating.

However, brief accelerations and speed variations contribute to a good break-in.

**NOTE:** It is normal that the engine will not operate at its maximum efficiency until the break-in period is completed.

#### Brakes

### WARNING

New brakes will not operate at their maximum efficiency until their break-in is completed. Use extra caution.

### Belt

A new belt requires a break in period of 50 km.

During the break-in period:

- Avoid strong acceleration and deceleration
- Avoid pulling a load
- Avoid high speed cruising.

### BASIC PROCEDURES

### **Starting the Engine**

The shift lever must be set to PARK or NEUTRAL.

**NOTE:** For your convenience, an override mode allows the engine to be started with the shift 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.

Set the emergency engine stop switch to RUN.

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

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

**NOTICE** If engine does not start after a few seconds, do not hold the engine start button more than 10 seconds. Refer to TROUBLESHOOT-ING section.

### **Shifting the Transmission**

Apply brakes and immobilize vehicle, then select the desired shift lever position.

Release brakes.

**NOTICE** When changing gear selection, always completely stop the vehicle and apply the brakes prior to moving the shift lever. Damage to the transmission may occur.

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.

### Stopping the Engine and Parking the Vehicle

### A WARNING

Avoid parking on steep slope as the vehicle may roll away.

### 🔒 WARNING

Always put the vehicle in PARK when stopped or parked to prevent rolling.

### 

Avoid parking in places where hot parts can start a fire.

When stopped or parked always bring shift lever to park position. This is especially important when parking on a slope. On very steep inclines or if the vehicle is carrying a cargo, the wheels should be blocked using rocks or bricks.

Select the flattest terrain available for parking.

Release accelerator pedal and use brakes to completely stop the vehicle.

Set shift lever in PARK position.

Turn key in ignition switch to OFF position.

Remove key from ignition switch.

If you must park on a steep incline or if the vehicle is carrying cargo, block the wheels using rocks or bricks.

### SPECIAL PROCEDURES

# What to Do if Water is in the CVT

Locate the CVT cover drain reservoir behind the CVT cover. It is accessible from the rear LH fender.

Inspect the drain reservoir to validate if water is present.



1. CVT drain reservoir

**NOTICE** If water is present in the CVT, it could result in belt slippage. The engine will accelerate but the vehicle will remain still.

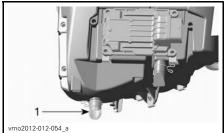
If water is present, remove reservoir to drain water from CVT cover.

**NOTICE** See an authorized Can-Am dealer to have the CVT inspected and cleaned.

### What to Do if Water is in the Air Filter Housing

Remove the LH side panel.

Inspect the drain reservoir underneath the air filter housing to validate if water is present.



TYPICAL
1. Air filter housing drain reservoir

If water is present, press clamp and remove reservoir to drain water from air filter housing.

If one of the following conditions is met, bring the vehicle to your nearest authorized Can-Am dealer to have the vehicle serviced:

- If more than 50 ml of water (approximately 5 reservoirs) is found in the drain reservoir.
- If any deposits are present in the drain reservoir.

In such a case, the vehicle must be serviced for:

- Vents
- CVT air filter cleaning
- CVT cleaning
- Fuel tank breather replacement
- Lubricant inspection and replacement as required (engine, gearbox and rear final drive).

**NOTICE** Failure to have vehicle serviced may lead to permanent damage to the following components but not limited to:

- Engine and gearbox
- Fuel pump
- CVT
- Rear final drive.

#### 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. Refer to *MAINTENANCE* section 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.
- Check gearbox oil level and refill if necessary.
- Check rear final drive oil level and refill if necessary.
- Start engine. If the oil pressure light stays on, stop engine immediately. See an authorized Can-Am dealer.

### What to Do if Vehicle is Immersed in Water

Should the vehicle become immersed, immediately stop the engine. Do not use winch or any electrical equipment while vehicle is immersed. It will be necessary to take the vehicle to an authorized Can-Am dealer as soon as possible. NEVER ATTEMPT TO START THE ENGINE!

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

As soon as vehicle is pulled out of water, carry out the following:

- Drain CVT. See procedure in this subsection.

**NOTICE** The vehicle should be serviced as soon as possible by an authorized Can-Am dealer.

### **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

Suspension adjustment and loading can have an effect on your vehicle handling and comfort.

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

#### Spring Preload Adjustment

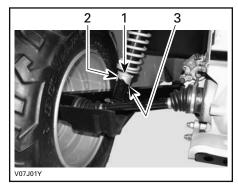
### WARNING

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

Shorten the springs for a firmer ride and rough conditions.

Lengthen the springs for a softer ride and smooth conditions.

Adjust by turning adjustment cam accordinaly. Use tool from vehicle tool kit.



TYPICAL — REAR SHOCKS

- Adjusting cams
   Smooth adjustment

3. Hard adjustment

### **Steering Assist** Adjustment (DPS)

#### XT Models

The applicable models are equipped with a Dynamic Power Steering (DPS) system. The DPS reduces the effort to turn the handlebars.

The following DPS modes are preset in the vehicle.

DPS MODE		
DPS MAX.	Maximum steering assist	
DPS MED.	Medium steering assist	
DPS MIN.	Minimum steering assist	

To show the active DPS mode, proceed as follows:

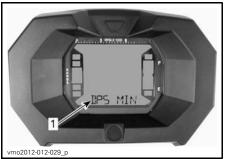
1. Press and release **DPS** button.

#### TUNE YOUR RIDE



#### TYPICAL

- 1. DPS button
- 2. Check the multifunction gauge to confirm the active DPS mode.



1. DPS mode (Display 3)

To change DPS mode, refer to OVER-RIDE/DPS BUTTON in CONTROLS

### VEHICLE TRANSPORTATION

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

### WARNING

Do not tow this vehicle behind a car or other vehicle. Use a trailer. Never tip this vehicle on end for transporting. The vehicle must be in its normal operating position (on all four wheels).



Remember to:

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



TYPICAL - FRONT TIE-DOWN POINT LOCATION



TYPICAL - REAR TIE-DOWN POINT LOCATION

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

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# MAINTENANCE

### **BREAK-IN INSPECTION**

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

NOTE: The break-in inspection is at the expense of the vehicle owner.

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

Date of inspection

Authorized dealer signature

Dealer name

#### **BREAK-IN INSPECTION**

Change engine oil and filter

Check engine mounting fasteners

Check valve clearance and adjust as required

Check coolant level

Clean radiator and carry out a cooling system leak test

Inspect engine seals and gaskets for leaks

Inspect fuel lines, fuel rails, connections, check valves and carry out a fuel system leak test

Inspect throttle cable and adjust as required

Inspect throttle body

Inspect exhaust system and check for leaks

Inspect spark plugs

Inspect battery connections

Inspect electrical system (general condition and fastening)

Inspect CVT air filter

Replace gearbox oil

Clean vehicle speed sensor

Inspect 4 x 4 coupling unit

Inspect front differential and rear final drive (oil level, seals and vents)

Inspect rear propeller shaft joints

Check brake fluid level

Inspect steering system for abnormal play or damage

Check front wheel alignment

Inspect wheel nuts/studs

### MAINTENANCE SCHEDULE

Maintenance is very important for keeping your vehicle in safe operating condition. Proper maintenance is the owner's responsibility. The vehicle should be serviced as per the maintenance schedule.

The maintenance schedule does not exempt the pre-ride inspection.

### 

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

EVERY 750 KM OR 25 HOURS OF OPERATION (whichever comes first)

Replace engine air filter (severe riding conditions)

Inspect and clean CVT air filter (severe riding conditions)

Check brake fluid level

Inspect brake pads

Tighten wheel lug nuts

Inspect the drive shaft boots and protectors

Inspect hitch condition

Inspect seat latch operation

Inspect rear cargo compartment latch operation

#### EVERY 1 500 KM OR 50 HOURS OF OPERATION (whichever comes first)

Inspect, adjust and lubricate throttle cable

Replace engine air filter (normal riding condition)

Check battery condition

Inspect front differential/rear final drive oil level

Inspect drive shaft joint condition

Inspect front/rear propeller shaft joint condition

Grease rear propeller shaft joints

Inspect tie rod ends

Inspect shock absorbers for any leaks

Inspect and lubricate front suspension arms

Inspect and lubricate rear sway bar link bushings

#### EVERY 3 000 KM OR 100 HOURS OF OPERATION OR 1 YEAR (whichever comes first)

Replace engine oil and filter

Inspect and adjust valve clearance

Inspect and clean muffler spark arrester

Check engine coolant strength

Inspect and lubricate throttle body

Clean the fuel pump pre-filter

Carry out a fuel pump pressure test

Replace fuel vent breather filter

Inspect drive belt

Inspect, clean and lubricate drive and driven pulleys (including one-way bearing)

Check gearbox oil level and condition

Inspect wheel bearings

Inspect steering system (check for abnormal play)

Inspect and clean brake system

Inspect frame for any damage

Replace rear final drive oil

#### EVERY 6 000 KM OR 200 HOURS OF OPERATION OR 2 YEARS (whichever comes first)

Replace the engine coolant

Check cooling system and perform a pressure test on pressure cap and cooling system

Check fuel system condition and perform a fuel system leak test

Replace spark plugs

Replace front differential oil

Replace gearbox oil

Clean vehicle speed sensor

Replace the brake fluid

### MAINTENANCE PROCEDURES

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.

### 

Unless otherwise indicated, always turn ignition switch to OFF position and remove key before performing any maintenance.

### A WARNING

Should removal of a locking device be required (e.g. lock tab, self-locking fastener, etc.), always replace it with a new one.

### Air Filter

### Air Filter Maintenance Guideline

As with any ATV, air filter maintenance is critical to ensure proper engine performance and life span.

Air filter maintenance should be adjusted according to riding conditions.

Air filter maintenance must be increased in frequency and oil must be added to the foam filter for the following dusty conditions:

- Riding on dry sand
- Riding on dry dirt covered surfaces
- Riding on dry gravel trails or similar conditions.

**NOTE:** Riding in a group in these conditions would increase even more the air filter maintenance. Refer to *AIR FILTER REPLACEMENT* in this subsection for maintenance procedure.

#### **Engine Air Filter Replacement**

**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.

- 1. Remove seat.
- 2. Remove console.
  - 2.1 Lift rear portion of console upwards.



LIFT REAR PORTION

- 2.2 Pull console rearwards.
- 3. Rotate air filter cover counterclockwise to remove it.



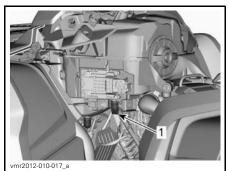
1. Air filter cover

4. Remove air filter.



AIR FILTER REMOVAL

- 5. Oil **new** air filter as follows.
  - 5.1 Carefully remove foam filter from air paper filter.
  - 5.2 Oil foam filter. Refer to *FOAM FILTER OILING* in this subsection.
  - 5.3 Reinstall foam filter on air paper filter.
- 6. Drain air filter housing inlet drain tube.

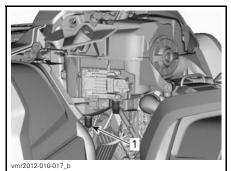


TYPICAL - SOME PARTS REMOVED FOR CLARITY

- 1. Air filter housing inlet drain tube
- Check air filter chamber for cleanliness.
  - If any debris or water are found, clean air filter chamber using a vacuum cleaner.

**NOTICE** Do not blow compressed air into air filter chamber.

- 8. Check air filter housing outlet drain tube.
  - If any debris or water are found, refer to SPECIAL PROCEDURES subsection.



TYPICAL - SOME PARTS REMOVED FOR CLARITY 1. Air filter housing outlet drain tube

- 9. Slightly grease plastic body of air filter.
- 10. Reinstall **new** air filter as the reverse of removal.

### Air Filter Cleaning and Lubrication

**CAUTION** Always wear appropriate skin and eye protection. Chemicals can cause a skin rash and eye injury.

#### Paper Filter Cleaning

- 1. Ensure that the foam filter is removed from paper filter.
- 2. Tap out heavy dust from the paper filter.

This will allow dirt and dust to get out of the paper filter.

**NOTE:** Paper filter have a limited life span; replace filter if too dirty or clogged.

**NOTICE** It is not recommended to blow compressed air on the paper filter; this could damage the paper fibers and reduce its filtration ability when used in dusty environments.

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

### Foam Filter Oiling

1. Spray AIR FILTER OIL (P/N 219 700 340) on the foam filter.



AIR FILTER OIL (P/N 219 700 340)



TYPICAL - OIL THE FOAM FILTER

- 2. Let stand for 3 to 5 minutes.
- 3. Remove any excess of oil that could transfer to the paper filter by wrapping the foam filter into an absorbent cloth and squeezing gently. This will also ensure a full oil coverage on foam filter.

### 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.

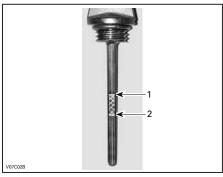
**NOTE:** While checking the oil level, visually inspect engine area for leaks.



TYPICAL - 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.



TYPICAL

- 1. Full
- 2. Add

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.

#### **Recommended Engine Oil**

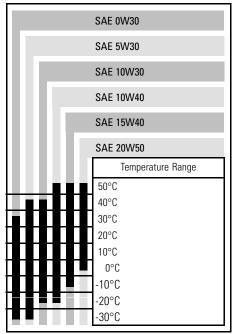
For the summer season, use XPS 4-STROKE SYNTH. BLEND OIL (SUM-MER) (P/N 293 600 121).

For the winter season, use XPS 4-STROKE SYNTHETIC OIL (ALL CLI-MATE) (P/N 293 600 112).

**NOTE:** The XPS oil is specially formulated and tested for the severe requirements of this engine.

If not available, use 4-stroke SAE 5W30 engine oil that meets or exceeds the requirements for API service classification SG, SH or SJ. Always check the API service label certification on the oil container it must contain at least one of the above standards. Refer to the viscosity chart for details.

#### **Engine Oil Viscosity Chart**



#### **Engine Oil Change**

Start and warm-up engine. Stop engine.

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.

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

#### MAINTENANCE PROCEDURES



1. Drain plug

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

Replace the oil filter. Refer to *OIL FIL-TER* in this subsection.

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* subsection 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.

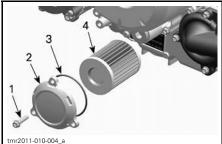
Refill as necessary.

Dispose of oil as per your local environmental regulations.

### **Oil Filter**

#### **Oil Filter Replacement**

Remove the right engine cover. Unscrew the oil filter cover.



1. Oil filter screw

- 2. Oil filter cover
- 3. O-ring
- 4. Oil filter

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.

### Radiator

#### **Radiator Inspection**

Periodically check the radiator area for cleanliness.



TYPICAL - PARTS REMOVED FOR CLARITY

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.

**CAUTION** 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 RINSING, 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 Verification**

### WARNING

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

Place vehicle on a level surface.

Remove the gauge support.

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



1. Engine 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.

### 🛦 WARNING

Warning: Do not remove the coolant reservoir cap if engine is hot.

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

Properly reinstall and tighten reservoir cap.

Reinstall gauge support.

### 

In order to avoid potential burns, 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.

**NOTICE** Do not store any objects under the gauge support.

#### **Recommended Engine Coolant**

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

#### MAINTENANCE PROCEDURES

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**

#### **Cooling System Draining**

Remove the gauge support.

Remove the coolant reservoir cap.

### WARNING

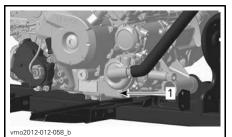
Do not remove the coolant reservoir cap if engine is hot.



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1. Engine coolant reservoir cap

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



1. Coolant drain plug

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

Disconnect the lower radiator hose and drain the remaining coolant into a suitable container.

**NOTE:** Take note of hose clamp position on the lower radiator hose.

Drain the system completely.

Tighten the coolant drain plug to specification.

TORQUE			
Cooling drain plug	9N∙m to 11N∙m		

Reinstall lower radiator hose.

Position the radiator hose clamp as noted during removal.

Tighten radiator hose clamp to specification.

#### TORQUE

Radiator hose clamp

2.5 N•m to 3.5 N•m

Bleed cooling system, refer to *COOL-ING SYSTEM BLEEDING*.

#### **Cooling System Bleeding**

1. Unscrew bleed screws on both front and rear cylinders.



TYPICAL 1. Front cylinder bleed screw



#### TYPICAL

1. Rear cylinder bleed screw

- 2. Remove the pressure cap.
- 3. Fill the cooling system until coolant comes out of the bleed screw(s).
- Install the bleed screws using NEW gasket rings and torque as per following chart.

BLEED SCREW INSTALLATION		
GASKET RING	TORQUE	
New	4.4 N∙m to 5.6 N∙m	

- 5. Add coolant until system is full up to the pressure cap seat.
- 6. Start engine.

NOTE: Do not install pressure cap.

7. Run engine at idle until coolant fan turns ON.

**NOTE:** Monitor coolant level during engine warm-up and add coolant as required.

- 8. Depress the throttle lever two or three times; check coolant level.
- 9. Stop the engine and let it cool down.
- 10. Inspect cooling system for leaks
- 11. Check coolant level in the reservoir. Add coolant as required.
- 12. Install pressure cap.

### **Muffler Spark Arrester**

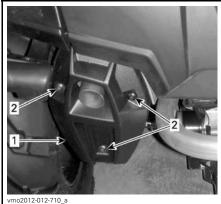
## Muffler Spark Arrester Cleaning and Inspection

**NOTE:** Spark arrester screen replacement is required only when damaged.

# **CAUTION** Let exhaust system cool down before proceeding with cleaning and inspection.

Remove the muffler cover. Discard retaining screws.

**NOTICE** Do not use impact tool for any screw removal.



1. Muffler cover

2. Retaining screw

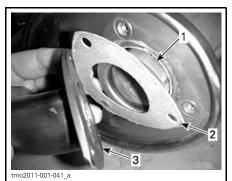
Remove and discard the tail pipe retaining screws.



TYPICAL - REMOVE TAIL PIPE

#### MAINTENANCE PROCEDURES

Remove exhaust tail pipe, gasket (discard) and spark arrester.



#### TYPICAL

- 1. Spark arrester
- 2. Gasket
- 3. Exhaust tail pipe

Remove carbon deposits from the spark arrester using a brush.

**NOTICE** Use a soft brush and be careful to avoid damaging spark arrester mesh.

# **A** CAUTION Wear eye protection and gloves.



1. Clean spark arrester

Inspect mesh of spark arrester for any damage. Replace as required.

**NOTE:** Spark arrester screen replacement is required only when damaged

Install new gasket, tail pipe and new retaining screws.

Reinstall muffler cover with new retaining screws. Tighten to specification.

TORQUE		
Tail pipe retaining screws	11 N∙m ± 1 N∙m	
Cover retaining screws	11 N∙m ± 1 N∙m	

### **CVT** Air Filter

#### **CVT Air Filter Removal**

- 1. Remove gauge support.
- 2. Remove air filter from CVT air inlet by stretching its sides.



1. CVT air filter

#### **CVT Air Filter Cleaning**

1. Spray filter inside and out with AIR FILTER CLEANER (P/N 219 700 341).

While reading this Operator's Guide, remember that:

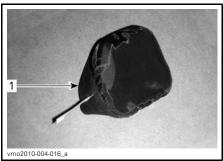
### A WARNING

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



AIR FILTER CLEANER (P/N 219 700 341)

- 2. Let stand for 3 minutes.
- As stated on air filter cleaner (UNI) container, rinse filter with plain water.
- 4. Dry filter completely.



1. CVT air filter

5. Clean inside the CVT air inlet end

#### **CVT Air Filter Installation**

- 1. Install air filter on CVT inlet by stretching its sides.
- 2. Resinstall gauge support.

### Gearbox Oil

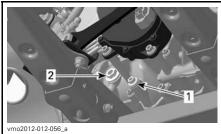
#### **Gearbox Oil Level Verification**

**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 brake lock.

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



TYPICAL - 800R ENGINE 1. Drain plug 2. Oil level plug



TYPICAL - 1000 ENGINE 1. Drain plug 2. Oil level 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 XPS CHAINCASE OIL (P/N 415 129 500) or an equivalent.

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

#### Gearbox Oil Change

**NOTE:** When replacing the gearbox oil, it is recommended to clean the vehicle speed sensor (VSS) at the same time.

Place the vehicle on a level surface.

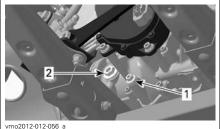
Clean drain plug area.

Clean the oil level plug area.

Under the vehicle, place a drain pan underneath the oil drain plug area.

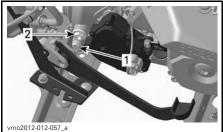
Remove the oil level plug.

Remove the gearbox drain plug.



TYPICAL - 800R ENGINE

- 1. Drain plug
- 2. Oil level plug



TYPICAL - 1000 ENGINE 1. Drain plug 2. Oil level plug

Let oil completely drain from gearbox. Install the drain plug.

**NOTE:** Clean drain plug from any metallic particles prior to installation.

Refill gearbox.

**NOTICE** Use ONLY the recommended type of oil.

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

### NOTICE Do not overfill.

Reinstall oil level plug. Wipe off any spillage.

### Throttle Cable

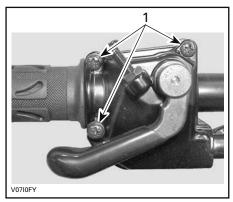
### **Throttle Cable Lubrication**

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

### A 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.

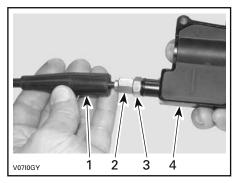


1. Remove these screws

Separate the housing.

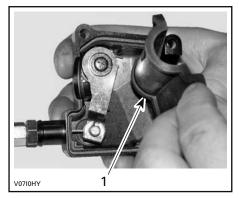
Slide rubber protector back to expose throttle cable adjuster.

#### MAINTENANCE PROCEDURES



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

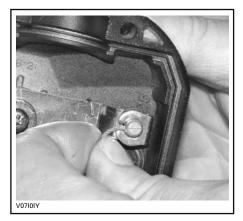
Screw in the throttle cable adjuster. Remove inner housing protector.



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.



Remove the throttle body side cover.



- 1. Throttle body
- 2. Side cover screws

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

**CAUTION** Always wear appropriate skin and eye protection. Chemicals can cause a skin rash and eye injury.



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.

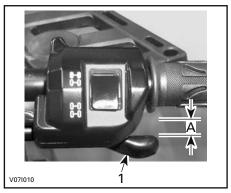
# Throttle Cable Adjustment

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 mm to 6 mm

With the shift lever on PARK position, start the engine.

Check if the throttle cable is adjusted correctly by turning handlebar fully to the right then fully to the left. If the engine RPM increases, readjust the throttle lever free play.

# **Spark Plugs**

### **Spark Plug Access**

Remove side panels.

Unplug spark plug cables.

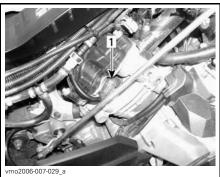
# Spark Plug Removal

Unscrew spark plugs one turn.

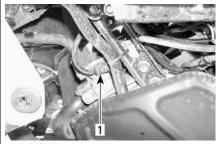
# **A** CAUTION Always wear safety goggles when using pressurized air.

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

Unscrew spark plugs completely then remove them.



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.

#### SPARK PLUG GAP

0.6 mm - 0.7 mm

Apply a copper-based 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.

### SPARK PLUG TORQUE

20 N•m ± 2.4 N•m

# Battery

**CAUTION** 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.

**NOTICE** Always disconnect BLACK (-) battery cable first.

Remove retaining screws, battery holding strap then pull the battery out of frame.



1. Battery holding strap

2. Retaining screws

### **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 Installation**

Battery installation is the reverse of the removal procedure.

**NOTICE** Always connect RED (+) battery cable first.

# Fuses

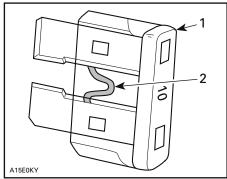
**CAUTION** Always turn the ignition switch to OFF position before replacing a defective fuse.

### **Fuse Inspection**

Check if filament is melted.

#### MAINTENANCE PROCEDURES

If filament is melted, replace damaged fuse, refer to *FUSE LOCATION* tables for proper rating.



#### TYPICAL

- 1. Fuse
- 2. Check if melted

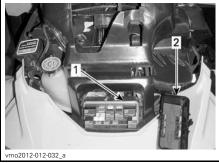
**NOTICE** Do not use a higher rated fuse as this can cause severe damage.

## **Front Fuse Box Location**

Pull upwards and front to remove the gauge support from its location.



1. Gauge support



- 1. Front fuse box
- 2. Front fuse box cover

**NOTE:** Check inside fuse box cover to know fuses location.

**NOTICE** Do not store any objects in the front service compartment.

#### Front Fuse Box Description

FRONT FUSE BOX				
NO.	DESCRIPTION	RATING		
R1	Fan Relay	-		
R2	Main Relay	-		
R3	Accessories Relay	-		
R4	Lights Relay	-		
R5	Fuel Pump Relay	-		
R8	Brake Relay -			
F4	Gauge (Speedo) 10 A			
F5	Injectors/Ignition	5 A		
F6	ECM	5 A		
F7	Winch, 2WD/4WD	5 A		
F8	Key Switch, Starter Solenoid 5 A			
F9	Cooling Fan	25 A		
F10	Euro Control (CE Models)	5 A		
F11	Lights	30 A		

FRONT FUSE BOX				
NO.	DESCRIPTION	RATING		
F12	DC Outlet	15 A		
F14	Accessories 2	15 A		
F15	Fuel Pump	5 A		

### **Rear Fuse Holder Location**

The rear fuse holder is located under seat near battery.



1. Rear fuse holder cap



1. Rear fuse holder

**Rear Fuse Holder Identification** 

	REAR FUSE HOLDER				
NO.	DESCRIPTION	RATING			
F1	Main	30 A			
F2	Fan/Accessories	40 A			
F3	Dynamic power steering (DPS) (If applicable)	40 A			

# Lights

Always check light operation after replacement.

# Headlight Bulb Replacement

**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.

Unplug connector from bulb.

Rotate light bulb counterclockwise to release it from light housing.



#### MAINTENANCE PROCEDURES



Pull out bulb.

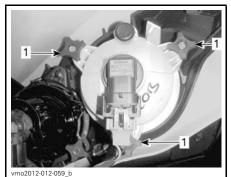
Properly reinstall removed parts in the reverse order of their removal.

Validate headlights operation.

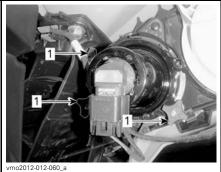
## Headlight Beam Aiming

Turn adjustment knobs to adjust beam height to your convenience.

NOTE: Adjust headlights evenly.



LOW BEAM ADJUSTMENT 1. Adjustment knobs



HIGH BEAM ADJUSTMENT 1. Adjustment knobs

### **Taillight Bulbs Replacement**

Rotate taillight counterclockwise to remove it from taillight housing.



ROTATE TAILLIGHT CCW TO REMOVE

Pull tail light out of its location. Unplug connector from bulb.

Rotate light bulb counterclockwise to remove it from taillight.



ROTATE BULB COUNTERCLOCKWISE

Remove bulb socket from taillight.

Installation is the reverse of the removal procedure.

# Drive Shaft Boot and Protector

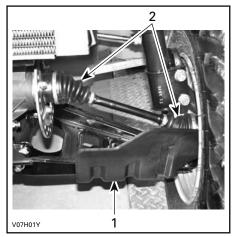
# Drive Shaft Boot and Protector Inspection

Visually inspect drive shaft protectors and boots conditions.

Check protectors for damage or rubbing against shafts.

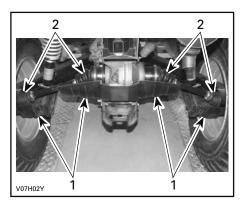
Check boots for cracks, tears, leaking grease etc.

Repair or replace damaged parts as necessary.



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

2. Drive shaft boots



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

# Wheel Bearing

### Wheel Bearing Inspection

Place vehicle on a level surface. Apply brake lock.

While reading this Operator's Guide, remember that:

# \Lambda WARNING

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

Lift and support vehicle.

Secure vehicle on jack stands.

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

# Wheels and **Tires**

#### **Tire Pressure**

# 

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.

TIRE PRESSURE				
		FRONT	REAR	
All Models	MAX.	48.3 kPa	48.3 kPa	
	MIN.	34.5 kPa	34.5 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.

#### **Tire Replacement**

Tires replacement should be performed by an authorized Can-Am dealer.

# 

- Replace tires only with the same type and size as original tires.
- For unidirectional tread pattern, ensure that the tires are installed in the correct direction of rotation.
- Tires should be replaced, by an experienced person, in accordance with tire industry standards and tools.

### Wheel Removal

Place vehicle on a level surface.

Apply brake lock.

Loosen lug nuts then lift vehicle.

Secure vehicle on jack stands.

Remove nuts then remove wheel.

# Wheel Installation

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

If tires are unidirectional, make sure to install wheel according to tire rotation.

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

TORQUE		
Wheel nut	100 N∙m ± 10 N∙m	

**NOTICE** Always use the recommended wheel nuts according to the type of wheel. Using a different nut could cause damage to the rim or studs.



TYPICAL — ALUMINUM WHEEL 1. Wheel nut (closed end type)

# Suspension

# Front Suspension Lubrication

Lubricate front A-arms at grease fittings.

# SUSPENSION GREASE

Recommended Product

# SUSPENSION GREASE

(P/N 293 550 033)

# **Rear Suspension Lubrication**

Lubricate rear sway bar links and pivot bushing at grease fittings.

### SUSPENSION GREASE

BRP Recommended Product SUSPENSION GREASE (P/N 293 550 033)

#### Suspension Inspection

#### Shock Absorbers

Inspect shock absorber for oil leaks or other damage.

Check tightness of fasteners.

See an authorized Can-Am dealer as necessary.

#### Front A-Arms

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

See an authorized Can-Am dealer as necessary.

### **Rear Trailing Arms**

Check trailing arms for distortion, cracks or bending.

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

# Brakes

#### Brake Fluid Reservoir Level Verification

With vehicle on a level surface, check brake fluid in reservoirs for proper level.

**NOTE:** A low level may indicate leaks or worn brake pads.

#### Front Brake Reservoir Level Verification

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 of the top of window.

Visually inspect lever boot condition.

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

#### MAINTENANCE PROCEDURES



TYPICAL

#### Rear Brake Reservoir Level Verification

Remove the seat.

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



1. Rear brake fluid reservoir

### Adding Brake FLuid

Clean filler cap before removing.

For front reservoir, remove and keep retaining screws.

For rear reservoir, unscrew reservoir cap.

Add fluid as required. Do not overfill.

**NOTE:** Ensure filler cap diaphragm is pushed inside before to close the cap on brake fluid reservoir.

Reinstall cap.

#### **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 brake inspection, maintenance and repair should be performed by an authorized Can-Am dealer.

However, verify the following between visits to your dealer:

- Brake fluid level
- Brake system for fluid leaks
- Brake cleanliness.

# 🛦 WARNING

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

# **Fuel Tank Breather Filter**

Fuel tank breather filter should be replaced by an authorized Can-Am dealer.

#### Fuel Tank Breather Filter Inspection

- 1. Remove seat.
- 2. Locate fuel tank breather filter near battery.



INSPECT ALL CLEAR TUBES

- 3. Look carefully for any water or dirt accumulation in the filter or the clear tubes.
- 4. Have the breather filter replaced if not clean.

**NOTICE** Do not attempt to clean filter as it may displace dirt further in the fuel system.

5. Reinstall seat.

# VEHICLE CARE

# **Post-Operation Care**

When vehicle is used in salt-water environment (beach area, launching and loading boats etc.), rinsing the vehicle with fresh water is necessary to preserve vehicle and its components. Metallic parts lubrication is highly recommended. Use XPS 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.

# Vehicle Cleaning and Protection

**NOTICE** Never use a high pressure washer to clean the vehicle. USE LOW PRESSURE ONLY (like a garden hose).

Pay attention to certain areas where mud or debris can accumulate and potentially cause wear, interferences or promote corrosion.

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

When required, wash the body with warm 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.

# STORAGE AND PRESEASON PREPARATION

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

When using your vehicle after storage, a preparation is required.

See an authorized Can-Am dealer to have your vehicle prepared for either storage or the preseason.

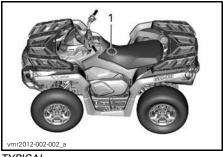
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# TECHNICAL INFORMATION

# VEHICLE IDENTIFICATION

The main components of your vehicle (engine and frame) are identified using 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 also required by the authorized Can-Am dealer to complete warranty claims properly. No warranty will be allowed by BRP if the engine identification number (E.I.N.) or vehicle identification number (V.I.N.) is removed, mutilated or altered 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.

# Vehicle Identification Number



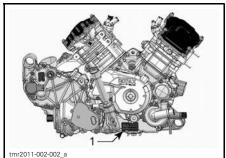
TYPICAL 1. V.I.N. location



1. V.I.N. (Vehicle Identification Number)

2. Model

# Engine Identification Number (E.I.N.)



TYPICAL - RH SIDE OF ENGINE 1. Engine Identification Number (E.I.N.)

# NOISE EMISSION CONTROL SYSTEM REGULATION

#### USA and Canada Only

# Tampering with Noise Control System Is Prohibited!

U.S. Federal law and Canadian provincial laws may prohibit the following acts or the causing there of:

- The removal or rendering inoperative by any person other than for purposes of maintenance, repair or replacement of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use or
- 2. The use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

#### Among those Acts Presumed to Constitute Tampering Are the Acts Listed Below:

- Removal or alteration or the puncturing of the muffler or any engine component which conducts removal of engine exhaust gases.
- 2. Removal or alteration or the puncturing of any part of the intake system.
- 3. Replacing any moving parts of the vehicle or parts of the exhaust or intake system, with parts other than those specified by the manufacturer.
- 4. Lack of proper maintenance.

MODEL		800R	1000	
ENGINE		•	•	
		ROTAX <sup>®</sup> 810	ROTAX® 1010	
Engine type			ver Head Camshaft quid cooled	
Number of cylinders	3		2	
Number of valves		4 valves / cylinder (m	echanical adjustment)	
Bore		91 mm	91 mm	
Stroke		61.5 mm	75 mm	
Displacement		799.9 cm <sup>3</sup>	976 cm <sup>3</sup>	
Exhaust system		Spark arrestor approved	I by USDA Forest Service	
Engine air filter		Synthetic paper	filter with foam	
LUBRICATION SYS	STEM			
Туре		Wet sump. Rep	Wet sump. Replaceable oil filter	
Oil filter		Pressurised, rep	Pressurised, replaceable cartridge	
	Capacity	2	0 L	
Engine oil Recommended		4-STROKE SYN (SUMMER) (P/ For the winter 4-STROKE SYN CLIMATE) (P/N If not available, use meets the requiren	season, use XPS JTH. BLEND OIL N 293 600 121). season, use XPS THETIC OIL (ALL J 293 600 112). a 5W30 motor oil that nents for API service SG, SH, or SJ	
COOLING SYSTEM	Λ			
Coolant		Use premixe by BRP (P/N 2	50% coolant, 50% water). d coolant sold 219 700 362) or ined for aluminum engines	
	Capacity	3.4 L	3.5 L	
CVT TRANSMISS	ION			
Туре		CVT (Continuously V	CVT (Continuously Variable Transmission)	
Engagement RPM		1650 RPM	1650 RPM ± 100 RPM	

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MODEL			800R	1000
GEARBOX		• •		
Туре			Dual range (HI-LO) with F	PARK, neutral and reverse
	Capacity		350 ml	450 ml
Gearbox oil	Recommended		XPS CHAINCASE OIL (P/N 415 129 500)	XPS SYNTHETIC GEAR OIL (75W 140) (P/N 293 600 140) or a 75W140 API GL-5
ELECTRICAL SYSTEM				
Magneto generator outpu	/ .	(T with DPS)	650 W @	6000 RPM
Ignition system type			IDI (Inductive Discharge Ignition)	
Ignition timing	_		Vari	able
	Quantity		2	
Spark plug	Make and type		NGK DCPR8E	
	Gap		0.6 mm to 0.7 mm	
Engine RPM limiter settin	g		8200	RPM
	Туре		Dry battery type	
Detten	Voltage		12 volts	
Battery	Nominal rating		18 A∙h	
	Power starter output		0.7 KW	
llaadiabta	F	ligh	2 x 60 W	
Headlights Low		.0W	2 x 55 W	
Taillight			2 x 8/27 W	
Turn signal lights			4 x 10 W	
Position lights			2 x 5 W	
Licence plate light			1 x 10 W	
Fuses			Refer to FUSES in the MAINTENANCE section	

MODEL				800R	1000	
FUEL SYSTEM	Л			- 4		
Fuel delivery Type				Electronic fue	Electronic fuel injection (EFI)	
Throttle body				46	mm	
Fuel pump		Туре		Electric (ir	n fuel tank)	
Idle speed				1250 ± 100 RPN	1 (not adjustable)	
	Туре			Regular unlea	Regular unleaded gasoline	
Fuel	Minimun	Inside North	n America	87 (R+M)/	2 or higher	
	octane	Outside Nor	th America	92 RON	or higher	
Fuel tank capa	city			20	.5 L	
Fuel remaining	when low t	fuel light turn:	s ON	±	5 L	
DRIVE SYSTE	M					
Drive system t	уре			Selectable	2WD/4WD	
		Capacity	Front	500	) ml	
		Сарасну	Rear	300	) ml	
	Front differential oil/ rear final drive oil		Front	XPS SYNTHETIC GEAR OIL (75W 90) (P/N 293 600 043) (P/N 293 600 043) or synthetic oil 75W90 API GI		
		Туре	Rear	XPS SYNTHETIC GEAR OIL (75W 140) (P/N 293 600 140) or a 75W140 API GL-5 synthetic gear oil		
Front drive				Visco-lok† fro	nt differential	
Front drive rati	io			3.6	6:1	
Rear drive				Shaft driver	n/ final drive	
Rear drive ration	0			3.6:1		
CV joint grease	e			CV GREASE (P/	′N 293 550 019)	
STEERING						
Turning radius				205.	7 cm	
Total toe (vehicle on ground)				.1° t	:o .5°	
Camber angle (vehicle on ground)				C	)°	
FRONT SUSP	ENSION					
Suspension type				Double suspension-arm with dive-control geom		
Suspension travel				226	mm	
Shock absorbe	Charly sharehow			2		
SHUCK ADSUIDE	·I	Туре	XT	C	)il	
Preload adjustment type				5 position cam		

Suspension travel       with external s         Suspension travel       236 mr         Shock absorber $\boxed{Dty}$ 2         Type       XT       0il 5         Preload adjustment type       5 position         BRAKES       5         Front brake       Type       Dual 214 mm ventilated hydraulic twin-pis         Rear brake       Type       Single 214 mm ventilated hydraulic twin-pis         Brake fluid       Capacity       Single 214 mm ventilated hydraulic twin-pis         Brake fluid       Capacity       260 m         Brake fluid       Capacity       260 m         Brake fluid       Front       Floating twin pistor         Brake pad material       Front       Organi         Minimum bake pad thickness       1 mm         Minimum brake disc       Front       4.3 mm         Maximum brake disc warpage       0.2 mm         Pressure       Front       Recommended: Minimum: 3         Minimum tire thread depth       3 mm         Tire size       Front       660 x 203 x 305 mm (         WHEELS       Front       660 x 254 x 305 mm (         Type       Cast Alum         Rim size       Front       305 x 152 mm ( <th>1000</th>	1000	
with external s         with external s         Suspension travel       236 mr         Shock absorber       Qty       236 mr         Brake S       Sigle Z14 mm ventilated hydraulic twin-pis         Brake fluid       Type       Dual 214 mm ventilated hydraulic twin-pis         Brake fluid       Capacity		
Shock absorber         Dty         2           Type         XT         0il 5           Preload adjustment type         5 position           BRAKES           Front brake         Type         Dual 214 mm ventilated hydraulic twin-piss           Rear brake         Type         Single 214 mm ventilated hydraulic twin-piss           Brake fluid         Capacity         260 m           Brake fluid         Capacity         260 m           Brake fluid         Front         Capacity           Brake pad material         Front         Ploating twin pistor           Brake pad material         Front         Organi           Minimum bake pad thickness         1 mm           Minimum brake disc         Front         4.3 mm           Maximum brake disc warpage         0.2 mm           Pressure         Front         Recommended: Minimum: 3           Minimum tire thread depth         3 mm           Tire size         Front         660 x 203 x 305 mm (2           WHEELS         Front         660 x 254 x 305 mm (2           Tire size         Front         305 x 152 mm (2	Torsional Trailing arm Independent (TTI) with external sway bar	
Shock absorber     Type     XT     Oil 5       Preload adjustment type     5 position       BRAKES       Front brake     Type     Dual 214 mm ventilated hydraulic twin-piss       Rear brake     Type     Single 214 mm ventilated hydraulic twin-piss       Brake fluid     Capacity     260 m       Brake fluid     Capacity     260 m       Type     DOT 4       Caliper     Floating twin pistor       Brake pad material     Front     Organi       Minimum bake pad thickness     1 mm       Minimum brake disc     Front     4.3 mm       Maximum brake disc warpage     0.2 mn       TIRES     Rear     Minimum: 3       Minimum tire thread depth     3 mm       Tire size     Front     G60 x 203 x 305 mm (front front	im	
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BRAKES       Front brake     Type     Dual 214 mm ventilated hydraulic twin-pis       Rear brake     Type     Single 214 mm ventilate hydraulic twin-pis       Brake fluid     Capacity     260 m       Brake fluid     Type     DOT 4       Caliper     Floating twin pistor     Floating twin pistor       Brake pad material     Front     Organi       Minimum bake pad thickness     1 mm       Minimum brake disc     Front     4.3 mm       Minimum brake disc warpage     0.2 mm       TIRES     Pressure     Front       Rear     Recommended: Minimum: 3       Minimum tire thread depth     3 mm       Tire size     Front     660 x 203 x 305 mm (       WHEELS     Type     Cast Alum       Rear     305 x 152 mm (*	5	
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Tire size Rear 660 x 254 x 305 mm (2 WHEELS Type Cast Alum Rim size Front 305 x 152 mm (2	N	
Rear         660 x 254 x 305 mm (2           WHEELS         Cast Alum           Type         Cast Alum           Bim size         Front         305 x 152 mm (2	(26 x 8 x 12 (in))	
Type Cast Alum Rim size	(26 x 10 x 12 (in))	
Rim size Front 305 x 152 mm (*		
Rim size	ninum	
	(12 X 6 (in))	
Rear 305 x 191 (12 )	X 7.5 (in))	
Wheel nuts torque 100 N • m ± 1	100 N • m ± 10 N • m	

MODEL			800R	1000
DIMENSIONS				
Overall length			218.	4 cm
Overall width			116.	8 cm
Overall height			111.	8 cm
Wheelbase			129.	5 cm
Wheel track	Front		96.5	ō cm
vvneel track	Rear		91.4 cm	
Ground clearance			30.5 cm	
LOADING CAPACITY AN	ID WEIGHT			
Dry weight	Х	(T	365 kg	373 kg
Weight distribution (front/	'rear) X	(T	50	/ 50
Front rack			45 kg	
Rear rack			90 kg	
Rear storage compartment loading capacity			10 kg	
Total vehicle load allowed (including driver, all other loads and added accessories)			235 kg	
Towing capacity			135 kg	
Tongue capacity			14	kg

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# TROUBLESHOOTING

# TROUBLESHOOTING GUIDELINES

### ENGINE DOES NOT TURN

- 1. Ignition switch is in the OFF position. – Place switch to the ON position.
- 2. Emergency engine stop switch.
   Make sure that emergency 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

#### 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.

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

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

- Check main fuse condition.
- Remove spark plug then reconnect to ignition coil.
- Check that ignition switch and/or emergency 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 under a protection (limp home) mode.
  - Multifunction gauge CHECK ENGINE indicator lamp is on and display shows CHECK ENGINE, contact an authorized Can-Am dealer.

#### ENGINE LACKS ACCELERATION OR POWER

#### 1. Fouled or defective spark plug.

- Refer to ENGINE TURNS OVER BUT FAILS TO START.
- 2. Lack of fuel to engine.
  - Refer to ENGINE TURNS OVER BUT FAILS TO START.
- Engine is overheating. (CHECK ENGINE indicator light will turn on and HI TEMP will appear in the multifunction display.)
  - Refer to ENGINE OVERHEATS.
- 4. Air filter/housing clogged 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 under a protection (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.

#### ENGINE OVERHEATS

### 1. Low coolant in cooling system.

 Check engine coolant, refer to ENGINE COOLANT in MAINTENANCE section.

#### Dirty radiator fins.

- Clean radiator fins, refer to RADIATOR in MAINTENANCE section.

#### ENGINE OVERHEATS (cont'd)

#### 3. Cooling fan inoperative.

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

#### ENGINE BACKFIRE

- 1. Exhaust system leakage.
  - Contact an authorized Can-Am dealer.
- 2. Engine is running too hot.
  - Refer to 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

- 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.
  - Refer to ENGINE LACKS ACCELERATION OR POWER.
- 2. Brake lock.
  - Ensure brake lock 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 under a protection (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.

### SHIFT LEVER IS HARD TO MOVE

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

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

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

- Contact an authorized Can-Am dealer.

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

# 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
DESS KEY NOT RECOGNIZED	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	Brake lock	Is displayed when brake lock is applied for more than 15 seconds (while riding).
LO BATT VOLT	Check engine	Low battery voltage, check battery voltage and charging system.
HIGH BATT VOLT	Check engine	High battery voltage, check battery voltage and charging system.
LOW OIL (1)	Check engine	Engine low oil pressure, stop engine immediately.
НІ ТЕМР	Check engine	Engine is overheating, refer to ENGINE OVERHEATS in TROUBLESHOOTING section.
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> section.
		Engine fault, CHECK ENGINE indicator lamp will also be ON, refer to <i>TROUBLESHOOTING</i> section.
MAINTENANCE REQUIRED <sup>(2)</sup>	Check engine	Periodic maintenance required. See an authorized Can-Am dealer.
ECM NOT RECOGNIZED	Check engine	Communication error between speedometer and engine control module (ECM), contact an authorized Can-Am dealer.
CHECK DPS	Check engine	Indicates that the DPS (Dynamic Power Steering) does not work properly. See an authorized Can-Am dealer.
TPS FAULT PRESS OVERRIDE BUTTON TO LIMP HOME	Check engine	Throttle position sensor does not work properly. See an authorized Can-Am dealer.
PPS FAULT     PRESS OVERRIDE       BUTTON TO LIMP     Check engine       HOME     PPS sensor does not work properation of the sensor does not work properation.		PPS sensor does not work properly. See 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

# BRP LIMITED WARRANTY USA AND CANADA: 2012 CAN-AM™ ATV

# 1) SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Products Inc. ("BRP")\* warrants its 2012 Can-Am ATV sold by authorized Can-Am ATV 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. This limited warranty will become null and void if: (1) the ATV was used for racing or any other competitive activity, at any point, even by a previous owner; or (2) 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.

All genuine Can-Am ATV parts and accessories, installed by an authorized BRP dealer at the time of delivery of the 2012 Can-Am ATV, carry the same warranty as that of the Can-Am ATV.

# 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 FIT-NESS 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 CONSE-QUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY SOME STATES/PROVINCES DO NOT ALLOW FOR THE DIS-CLAIMERS, 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 Can-Am ATV 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);
- Damages from rust, corrosion or exposure to the elements;
- Damage resulting from water or snow ingestion;
- Incidental or consequential damages, or damages of any kind including without limitation 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 (1) the date of delivery to the first retail consumer or (2) the date the product is first put into use, whichever occurs first and for the following period:

SIX (6) CONSECUTIVE MONTHS, for private use or commercial use owners, except that emission-related components installed on EPA certified ATVs registered in the USA are covered for 5000 km or thirty (30) consecutive months whichever comes first; and evaporative emission related components are warranted for twenty-four (24) consecutive months. To obtain a list of the current warranted emission-related components, please see an authorized Can-Am ATV dealer.

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 2012 Can-Am ATV must be purchased as new and unused by its first owner from a Can-Am ATV dealer authorized to distribute Can-Am ATVs in the country in which the sale occurred ("Can-Am ATV dealer");
- The BRP specified pre-delivery inspection process must be completed and documented and signed by the purchaser;
- The 2012 Can-Am ATV must have undergone proper registration by an authorized Can-Am ATV dealer;
- The 2012 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 one of the preceding conditions has not been met. Such limitations are necessary in order to allow BRP to preserve both the safety of its products, and also that of its consumers and the general public.

# 6) WHAT TO DO TO OBTAIN WARRANTY COVERAGE

The customer must cease using the 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. 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 2012 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 if in Canada or the manufacturer if in the USA:

#### In the USA:

Garmin International Inc. U.S.: 913 397-8200 U.S. Toll Free: 1 800 800-1020

Website:www.garmin.com

#### In Canada (one or the other):

Raytech Électronique Tel.: 450 975-1015 Fax: 800 975-0025 / 450 975-0817 Contact: raytech@raytech.qc.ca Web Site: www.raytech.qc.ca Coord. GPS: N45o35.25' - W73o42.95' Naviclub Ltd Tel.: 418 835-9279 Fax: 418 835-6681 Contact: naviclub@naviclub.com Web Site: www.naviclub.com Your 2012 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 and are not covered by this limited warranty. Please contact the manufacturer or ask your authorized Can-Am ATV dealer for assistance.

#### Carlisle Tire & Wheel Company

23 Windham Boulevard Aiken SC 29805 Warranty Information: USA: 1 800 260-7959 Canada: 1 800 265-6155 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 ATV CUSTOMER ASSISTANCE CENTER 75 J.-A. Bombardier Street Sherbrooke QC J1L 1W3 Tel.: 819 566-3366

#### In USA

BRP US INC. CAN-AM ATV 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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<sup>TM</sup> trademark of Bombardier Recreational Products Inc. or its affiliates.

<sup>†</sup> Carlisle and ITP are trademarks owned by or licensed to Carlisle Tire & Wheel Company.

# BRP INTERNATIONAL LIMITED WARRANTY: 2012 CAN-AM™ ATV

# 1) SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Products Inc. ("BRP")\* warrants its 2012 Can-Am ATV sold by Can-Am ATV distributors or dealers authorized by BRP to distribute Can-Am ATVs ("Can-Am ATV Distributor/Dealer") outside of the fifty United States, Canada and states that are members of the European Economic Area ("EEA"), (which is comprised of the member states of the European Union plus Norway, Iceland and Liechtenstein), and the Russian economic areas and Turkey 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 ATV Distributor/Dealer at the time of delivery of the 2012 Can-Am ATV, carry the same warranty as that of the Can-Am ATV.

This limited warranty will become null and void if: (1) The ATV was used for racing or any other competitive activity, at any point, even by a previous owner; or (2) 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 Can-Am ATV 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 Can-Am ATV 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);
- Damage resulting from rust, corrosion or exposure to the elements;
- Damage resulting from water or snow ingestion;
- Incidental or consequential damages, or damages of any kind including without limitation 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 (1) the date of delivery to the first retail consumer or (2) the date the product is first put into use, whichever occurs first and for 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.

# FOR PRODUCTS SOLD IN AUSTRALIA ONLY

"Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure."

# 5) CONDITIONS TO HAVE WARRANTY COVERAGE

This warranty coverage is available **only** if **each** of the following conditions has been fulfilled:

- The 2012 Can-Am ATV must be purchased as new and unused by its first owner from a Can-Am ATV 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 ATV Distributor/Dealer;
- The 2012 Can-Am ATV must be purchased in the country or union of countries in which the purchaser resides; and
- 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 Can-Am ATV 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 ATV 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 ATV 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 Can-Am 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 limited warranty subject to its terms and conditions shall also be transferred and be valid for the remaining coverage period provided BRP or an authorized Can-Am ATV 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 Can-Am ATV Dealer level. We recommend discussing the issue with the service manager or owner. You will find your Can-Am ATV Distributor/Dealer's coordinates on our website at www.brp.com.
- 2. If further assistance is required, the Can-Am ATV Distributor 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, Turkey, 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 Isoaavantie 7 FIN-96320 Rovaniemi Finland Tel.: +358 16 3208 111

#### For all other countries, please contact your local Can-Am ATV Distributor/ Dealer (visit our website at www.brp.com for contact information), or contact our North America office at:

BOMBARDIER RECREATIONAL PRODUCTS INC.

Customer Assistance Center 75 J.-A. Bombardier Street Sherbrooke QC J1L 1W3 Tel.: 819 566-3366

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## BRP LIMITED WARRANTY FOR THE EUROPEAN AND THE RUSSIAN ECONOMIC AREAS AND TURKEY: 2012 CAN-AM™ ATV

## 1) SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Product Inc. ("BRP")\* warrants its new and unused model-year 2012 Can-Am ATVs sold by Can-Am ATV distributors or dealers authorized by BRP to distribute Can-Am ATVs ("Can-Am ATV Distributor/Dealer") in the states that are members of the European Economic Area ("EEA") (which is comprised of the member states of the European Union plus Norway, Iceland and Liechtenstein) and the Russian economic areas and Turkey 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 ATV Distributor/Dealer at the time of delivery of the 2012 Can-Am ATV, carry the same warranty as that of the ATV.

This limited warranty will become null and void if: (1) The ATV was used for racing or any other competitive activity, at any point, even by a previous owner; or (2) 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 Can-Am ATV 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 Can-Am ATV 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);
- Damage resulting from rust, corrosion or exposure to the elements;
- Damage resulting from water or snow ingestion;
- Incidental or consequential damages, or damages of any kind including without limitation 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 (1) the date of delivery to the first retail consumer or (2) the date the product is first put into use, whichever occurs first and for a period of:

TWENTY-FOUR (24) CONSECUTIVE MONTHS for private use.

SIX (6) CONSECUTIVE MONTHS for commercial use 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 2012 Can-Am ATV must be purchased as new and unused by its first owner from a Can-Am ATV 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 ATV Distributor/Dealer;
- The 2012 Can-Am ATV must be purchased in the EEA and the Russian economic areas and Turkey;
- 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 Can-Am ATV 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 Can-Am ATV 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 ATV parts without charge for parts and labor, at any authorized Can-Am ATV 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 Can-Am ATV to the owner.

In the event that service is required outside of the EEA and the Russian economic areas and Turkey, the owner will bear responsibility for any additional charges due to local practices and conditions, such as, but not limited to, freight, insurance, taxes, license fees, import duties, and any and all other financial charges, including those levied by governments, states, territories and their respective agencies.

BRP reserves the right to improve or modify products from time to time without assuming any obligation to modify products previously manufactured.

## 8) TRANSFER

If the ownership of a product is transferred during the warranty coverage period, this limited warranty shall also be transferred and be valid for the remaining coverage period provided BRP or an authorized Can-Am ATV 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 Can-Am ATV Dealer level. We recommend discussing the issue with the Can-Am ATV Distributor/Dealer's service manager or owner. You will find your Can-Am ATV Distributor/Dealer's coordinates on our website at www.brp.com.

- 2. If further assistance is required, the Can-Am ATV Distributor's service department should be contacted in order to resolve the matter.
- 3. 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 Isoaavantie 7 FIN-96320 Rovaniemi Finland Tel.: +358 16 3208 111

#### For all other countries, please contact your local Can-Am ATV Distributor/ Dealer (visit our website at www.brp.com for contact information), or contact our North America office at:

#### BOMBARDIER RECREATIONAL PRODUCTS INC.

Customer Assistance Center 75 J.-A. Bombardier Street Sherbrooke QC J1L 1W3 Tel.: 819 566-3366

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### ADDITIONAL TERMS AND CONDITIONS FOR FRANCE ONLY

The following terms and conditions are applicable to products sold in France only.

The seller shall deliver goods that are complying with the contract and shall be responsible for defects existing upon delivery. The seller shall also be responsible for defects resulting from packaging, assembling instructions or the installation when it is its responsibility per the contract or if accomplished under its responsibility. To be compliant with the contract, the good shall:

- 1. Be fit for normal use for goods similar thereto and, if applicable:
  - Correspond to the description provided by the seller and have the qualities presented to the buyer though sample or model;
  - Have the qualities that a buyer may legitimately expect considering the public declarations of the seller, the manufacturer of its representative, including in advertising or labeling; or
- 2. Have the characteristics mutually agreed upon as between the parties or be fit for the specific use intended by the buyer and brought to the attention of the seller and which accepted.

The action for failure to comply is prescribed after two years after delivery of the goods. The seller is responsible for the warranty for hidden defects of the good sold if such hidden defects are rendering the good unfit for the intended use, or if they diminish its use in such a way that the buyer would not have acquired the good or would have given a lesser price, had he known. The action for such hidden defects shall be taken by the buyer within 2 years of the discovery of the defect.

# **CUSTOMER INFORMATION**

## PRIVACY INFORMATION

BRP wishes to inform you that your coordinates will be used for safety and warranty related purposes. Furthermore, BRP and its affiliates may use its customer list to distribute marketing and promotional information about BRP and related products.

To exercise your right to consult or correct your data, or to be removed from the addressee-list for direct marketing, please contact BRP.

#### By E-mail: privacyofficer@brp.com

By mail: BRP Senior Legal Counsel-Privacy Officer 726 St-Joseph Valcourt QC Canada J0E 2L0

## 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 change of address cards on the following pages
- North America only: Calling at 715 848-4957 (USA) or 819 566-3366 (Canada)
- 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.

#### North America

#### BOMBARDIER RECREATIONAL PRODUCTS INC.

Warranty Department 75 J.-A. Bombardier Street Sherbrooke QC J1L 1W3 Canada

#### Scandinavian countries

#### BRP FINLAND OY

Service Department Isoaavantie 7 FIN-96320 Rovaniemi

#### Other countries in the world

#### BRP EUROPEAN DISTRIBUTION

Warranty Department Chemin de Messidor 5-7 1006 Lausanne Switzerland This page is intentionally blank

CHANGE OF ADDRESS			
		entification Number (V.I.N.	
OLD ADDRES	S	NAME	
 	NO.	STREET	APT
	CITY	STATE/PROVINCE	ZIP/POSTAL CODE
	COUNTRY		TELEPHONE
I NEW ADDRES		NAME	
	NO.	STREET	APT
	CITY	STATE/PROVINCE	ZIP/POSTAL CODE
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V00A2F	E-MAIL ADDRE	SS	

CHANGE OF ADDRESS	CHANGE OF OWNER	аянір 🛄
VEHICLE IDENTIFICATION NUMBER           I         I           Model Number	Vehicle Identification Numbe	r (V.I.N.)
OLD ADDRESS	NAME	
	NO. STREET	APT
1	CITY STATE/PROVINC	E ZIP/POSTAL CODE
1	COUNTRY	TELEPHONE
I NEW ADDRESS	NAME	
	NO. STREET	APT
	CITY STATE/PROVINC	E ZIP/POSTAL CODE
1	COUNTRY	TELEPHONE
1v00A2F	E-MAIL ADDRESS	

CHANGE OF ADDRESS/OWNERSHIP

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CHANGE OF ADDRESS			
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OLD ADDRES	S	NAME	
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	CITY	STATE/PROVINCE	ZIP/POSTAL CODE
	COUNTRY		TELEPHONE
I NEW ADDRESS I OR NEW OWNER:		NAME	
	NO.	STREET	APT
	CITY	STATE/PROVINCE	ZIP/POSTAL CODE
 	COUNTRY		TELEPHONE
IV00A2F	E-MAIL ADDRESS		

CHANGE OF ADDRESS/OWNERSHIP

VEHICLE IDENTIFICATION NUMBER (V.I.N.) ENGINE IDENTIFICATION NUMBER (E.I.N.)				
STREE	Т		APT	
STATE/PROV	/INCE		ZIP/POSTAL CODE	
YEAR	MONTH	DAY		
YEAR	MONTH	DAY		
by the dea	aler at th	e time o	f the sale.	
	(V.I.N.) (E.I.N.) NAME STREE STATE/PROV YEAR	(E.I.N.) NAME STREET STATE/PROVINCE YEAR MONTH	(V.I.N.)	

	DEALER IMPRINT AREA
/00A2IL	

Please verify with your dealer to ensure your vehicle has been registered with BRP.

While reading this Operator's Guide, remember that:

## 

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 manoeuvers 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 SAFETY LABELS.
- NEVER OPERATE THIS VEHICLE WITHOUT PROPER INSTRUCTIONS. Complete a certified training course.
- 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.
- 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.

219 000 812

CA

OPERATOR'S GUIDE, OUTLANDER 800R/1000 CE / ENGLISH GUIDE DU CONDUCTEUR, OUTLANDER 800R/1000 CE / ANGLAIS

FAIT AU / MADE IN CANADA

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