

can-am™



2011 Operator's Guide

Includes
Safety, Vehicle
and Maintenance Information

COMMANDER™ 800R/1000

⚠ WARNING

Read this guide thoroughly. It contains important safety information.
Minimum age: Operator: 16 years. Passenger: 12 years. Keep this Operator's Guide in the vehicle.

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⚠ WARNING

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.

⚠ WARNING

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!

⚠ 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.

CALIFORNIA PROPOSITION 65 WARNING

⚠ WARNING

This product contains or emits chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

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FOREWORD

Congratulations on your purchase of a new Can-Am™ side-by-side vehicle. It's backed by the BRP limited warranty and a network of authorized Can-Am dealers ready to provide the parts, accessories or service you may require.

Your dealer is committed to your satisfaction. If you need more information, please ask your dealer.

At delivery, you were 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 of accident for you or bystanders, read this Operator's Guide before you operate the vehicle.

Also, read all safety labels on your vehicle and watch the *SAFETY DVD*.


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

Safety Messages

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

WARNING

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

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

NOTICE Indicates an instruction which, if not followed, could result in severely damaged 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.

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

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

If you want to view and/or print an extra copy of your Operator's Guide, simply visit the following website www.operatorsguide.brp.com.

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

This Operator's Guide and the *SAFETY DVD* should remain with the vehicle when it is sold.

TABLE OF CONTENTS

FOREWORD	1
Know Before You Go	1
Safety Messages	1
About This Operator's Guide	1

SAFETY INFORMATION

GENERAL PRECAUTIONS	8
Avoid Carbon Monoxide Poisoning	8
Avoid Gasoline Fires and Other Hazards	8
Avoid Burns from Hot Parts	8
Accessories and Modifications	8
SAFE OPERATION - RESPONSIBILITIES	9
Owner Be Responsible	9
Operator - Be Qualified and Responsible	9
Riding Carefully	10
Occupant Restraint System	10
Terrain Condition	10
PRE-RIDE INSPECTION	12
Pre-Ride Inspection Check List	12
PREPARE TO RIDE	15
Before You Ride	15
Riding Gear	15
AVOID ACCIDENTS	17
Avoid Rollovers and Tipovers	17
Avoid Collisions	18
RIDING YOUR VEHICLE	19
Practice Exercises	19
Off-Road Operation	20
General Riding Techniques	20
MOVING LOADS AND DOING WORK	25
Working with your Vehicle	25
Carrying Loads	25
Hauling a Load	28
Pulling a Trailer	29
IMPORTANT ON-PRODUCT LABELS	30
Safety Labels	30

VEHICLE INFORMATION

PRIMARY CONTROLS	42
1) Steering Wheel	43
2) Accelerator Pedal	43
3) Brake Pedal	43

PRIMARY CONTROLS (cont'd)	
4) Shift Lever	44
SECONDARY CONTROLS	45
1) Ignition Switch and Keys	46
2) Engine Start Button	47
3) Sport Switch	47
4) Low/High Beam Headlight Switch	48
5) 2WD/4WD Switch	48
6) Winch Switch	48
7) Override Switch	49
MULTIFUNCTION GAUGE (LCD)	50
Multifunction Gauge (LCD) Description	50
Main Screen Functions	51
Navigating in the LCD Gauge	54
Gauge Setup	54
MULTIFUNCTION GAUGE (ANALOG/DIGITAL)	56
Multifunction Gauge (Analog/Digital) Description	56
Digital Display Functions	59
Gauge Setup	59
EQUIPMENT	60
1) Tilt Steering	63
2) Cup Holders	63
3) Passenger Handholds	63
4) Glove box	64
5) Tool Kit	64
6) Winch Remote Control	64
7) Footrests	64
8) Side Nets	64
9) Shoulder Guards	65
10) Seat Belts	65
11) Driver Seat	65
12) Passenger Seat	65
13) Fuel Reservoir Cap	66
14) Winch	66
15) Cargo Box	66
16) Cargo Box Tilt Release Handles	67
17) Anchoring Hooks	67
18) Upper Tailgate	67
19) Lower Tailgate	68
20) Hitch support	68
SUSPENSION	69
Suspension Adjustments Guideline	69
FUEL	73
Recommended Fuel	73
Vehicle Fueling Procedure	73
Fueling a Gasoline Container	74

BREAK-IN PERIOD	75
Operation During Break-In	75
BASIC PROCEDURES	76
Starting the Engine	76
Shifting the Transmission	76
Stopping the Engine and Parking the Vehicle	76
SPECIAL PROCEDURES	77
What to do if water is suspected to be in the CVT	77
What to do if battery is drained out	77
What to do if Vehicle is Rolled Over	77
What to do if Vehicle is Submerged	77
TRANSPORTING THE VEHICLE	78
LIFTING AND SUPPORTING THE VEHICLE	79
Front of Vehicle	79
Rear of Vehicle	79

MAINTENANCE

BREAK-IN INSPECTION	82
MAINTENANCE SCHEDULE	85
MAINTENANCE PROCEDURES	87
Air Filter	87
Engine Oil	88
Oil Filter	89
Radiator	90
Engine Coolant	90
Muffler Spark Arrester	93
CVT Air Filter	94
Gearbox Oil	95
Spark Plugs	96
Battery	97
Fuses	97
Lights	98
Drive Shaft Boot and Protector	100
Wheel Bearing	101
Wheels and Tires	101
Suspensions	104
Brakes	104
VEHICLE CARE	106
Post-Operation Care	106
Vehicle Cleaning and Protection	106
STORAGE AND PRESEASON PREPARATION	107

TECHNICAL INFORMATION

VEHICLE IDENTIFICATION 110
 Vehicle Identification Number..... 110
 Engine Identification Number 110
NOISE EMISSION CONTROL SYSTEM REGULATION 111
EC-DECLARATION OF CONFORMITY 112
SPECIFICATIONS 113

TROUBLESHOOTING

TROUBLESHOOTING GUIDELINES 120
MESSAGES IN MULTIFUNCTION GAUGE 123

WARRANTY

BRP LIMITED WARRANTY USA AND CANADA: 2011 CAN-AM® SSV.... 126
BRP INTERNATIONAL LIMITED WARRANTY: 2011 CAN-AM® SSV..... 130
BRP LIMITED WARRANTY FOR THE EUROPEAN ECONOMIC AREA: 2011 CAN-AM® SSV 134
ADDITIONAL TERMS AND CONDITIONS FOR FRANCE ONLY 138

CUSTOMER INFORMATION

PRIVACY INFORMATION 140
CHANGE OF ADDRESS/OWNERSHIP..... 141

SAFETY INFORMATION

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 gasoline container to store fuel.
- Never fill the gasoline container in the vehicle cargo box or on the vehicle - an electrical static discharge may ignite the fuel.

- Strictly adhere to instructions in *FUELING PROCEDURE*.

- 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 a 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 crash or injury, and can render the vehicle illegal. For example, modifications such as different tires can affect the center-of-gravity and the risk of rollover.

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

SAFE OPERATION - RESPONSIBILITIES

This is a high performance off-road vehicle. Operators must be responsible and use care to avoid rollovers, tipovers, collisions, and other accidents. Even with vehicle safety features (such as protective structure, seat belts, side nets) and protective gear (such as a helmet), there is always a risk of injury or death in these accidents. To reduce the risk of serious injury or death, follow the rules in the *SAFETY INFORMATION* section.

Owner Be Responsible

Read this Operator's Guide and watch the *SAFETY DVD*.

Always inspect and confirm the safe operating condition of your vehicle prior to ride. Always follow the maintenance schedule described in this Operator's Guide.

Never allow anyone to operate your vehicle unless they are responsible and can be trusted with a high performance vehicle. Consider supervising new or young operators and setting rules and limits (e.g., whether they can carry a passenger, what they may do with the vehicle, where they may ride, etc.) for anyone using your vehicle.

Give the operator the appropriate key (see *IGNITION SWITCH AND KEYS*) for the operator, task and environment.

Discuss the safety information with anyone who will be using the vehicle. Be sure that all operators and passengers meet the qualifications below and agree to follow the safety information. Help users become familiar with the vehicle.

Operator - Be Qualified and Responsible

Read this Operator's Guide and watch the *SAFETY DVD*.

Become completely familiar with the operational controls and the general operation of the vehicle.

Take a training course if available (contact an authorized Can-Am dealer to find out about training course availability), and perform the practice exercises in *PRACTICE EXERCISES* section. 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.

Be at least 16 years of age.

Be tall enough to be properly seated: back against the backrest with the seat belt fastened, to hold the steering wheel with both hands and still be able to reach the full stroke of brake foot and accelerator pedals with the right foot and to firmly plant left foot on the footrest.

Have a proper driver's license in accordance with local laws.

Never operate this vehicle after using drugs or alcohol, or if tired or ill. These slow reaction time and impair judgment.

Carrying Passenger

Only carry one passenger. The passenger must be properly seated in the cockpit.

The passenger must be at least 12 years old and tall enough to always be properly seated: back against the backrest with seat belt fastened, holding both handholds, and feet firmly planted - right foot on the footrest and the left foot on the vehicle floor.

Never carry a passenger who has used drugs or alcohol, or is tired or ill. These slow reaction time and impair judgment.

Instruct the passenger to read the vehicle's safety labels.

Never carry a passenger if you judge his ability or judgement insufficient to concentrate on the terrain conditions and adapt accordingly. More specifi-

cally for side-by-side vehicles, the passenger must also pay constant attention to the terrain ahead and be able to brace for bumps.

Riding Carefully

- This vehicle handles differently from other vehicles. A collision or rollover can occur quickly, during abrupt maneuvers such as doing sharp turns, acceleration or deceleration and driving on hills or over obstacles, if you fail to take proper precautions.
- Never operate at excessive speeds. Always go at a speed that is proper for the terrain, visibility, and operating conditions, and your experience.
- Never attempt jumps, side slides, donuts or any other stunts.
- Never attempt rapid acceleration or deceleration when performing a sharp turn. This may result in a roll over.
- Never attempt skidding or sliding. If vehicle starts to skid or slide, counter steer in the direction of skidding or sliding. On extremely slippery surfaces, such as ice, go slowly and be very cautious in order to reduce the chance of skidding out of control.
- Always be sure there are no obstacles or people behind the vehicle when you operate in reverse. Pay attention to blind spots. When it is safe to proceed in reverse, go slowly.
- Never exceed the stated load limits for this vehicle. Cargo must be properly secured. Reduce speed, allow for greater braking distance and follow other instructions in *MOVING LOADS AND DOING WORK* subsection.
- Always remember that this vehicle is heavy! Its pure weight alone may entrap you should it tip or rollover.

Occupant Restraint System

- This vehicle is designed to carry one driver and one passenger, both wearing proper protective gears (refer to *RIDING GEAR* in this section).
- The driver and passenger must latch the side nets and wear the seat belts at all times when riding.

Terrain Condition

- 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 wheel, accelerator and brake pedals.
- Always go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating this vehicle. Take the time to learn how the vehicle performs in different environments.
- 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.
- Never operate this vehicle on hills too steep for the vehicle or your abilities. Practice on small inclines.
- Always follow proper procedures for climbing or going down hills as described in *RIDING THE VEHICLE* subsection. Check the terrain carefully before you start up or down any hill. Never climb or descend hills with excessively slippery or loose surfaces. Never go over the top of any hill at high speed.
- Never attempt steep hills or side hilling when pulling a trailer.
- Always check for obstacles before operating in a new area. Always follow proper procedures when operating over obstacles as described in *RIDING THE VEHICLE* subsection.

- Never operate this vehicle in fast flowing water or in water deeper than specified in *RIDING THE VEHICLE* subsection. 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 brakes.
- Always ensure to properly park the vehicle on the flattest terrain section available. Put shift lever in park, stop engine and remove key before leaving the vehicle.
- 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 rollover, the best advice is to immediately steer in the direction of the rollover! Never attempt to prevent a rollover with your arms or legs. You should keep your limbs inside the cage.

PRE-RIDE INSPECTION

Always inspect and confirm the safe operating condition of your vehicle prior to ride. Always follow the maintenance schedule described in this Operator's Guide.

WARNING

Perform a pre-ride inspection before each ride to detect 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.

Pre-Ride Inspection Check List

What to Do Before Starting the Engine (Key OFF)

ITEMS TO BE INSPECTED	INSPECTION TO PERFORM	✓
Tires	Check tire pressure and condition. – Front: MIN 69 kPa (10 PSI), LOADED 83 kPa (12 PSI) – Rear: MIN 83 kPa (12 PSI), LOADED 152 kPa (22 PSI)	
Wheels	Check wheels and lug nuts for damage.	
Radiator	Check cleanliness of the radiator.	
Engine oil	Check engine oil level.	
Coolant	Check coolant level.	
Air filter	Inspect the air filter.	
Drive shaft boots	Check drive shaft boots and protectors condition.	
Cargo and load	Cargo Load: If you transport a cargo, respect the load capacity of 272 kg (600 lb). Ensure cargo is properly secured to the rear cargo box. Vehicle Load: Ensure that total load on the vehicle (including operator, passenger, cargo and added accessories) does not exceed 363 kg (800 lb).	
	If you are pulling a trailer or another equipment: – Check hitch and trailer ball condition. – Respect the tongue capacity and towing capacity. – Ensure trailer is properly secured to hitch.	

ITEMS TO BE INSPECTED	INSPECTION TO PERFORM	✓
Rear cargo box	Check if the cargo box is properly latched.	
	Check if both tail gates are 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	✓
Gauge	Check operation of indicator lamps in gauge (during first few seconds of key ON).	
	Check for messages in gauge.	
Lights	Check operation and cleanliness of headlights and taillight.	
	Check operation of high and low beam.	
	Check operation of brake light.	
Seats, side nets and seatbelts	Check if seats are properly latched.	
	Check side nets for any damage. Have the nets replaced if any damage is found. Fasten both side nets and confirm that they latch securely. Use the adjustment strap to tighten the net as required.	
	Check seatbelts for any damage. Fasten seatbelts and confirm that they latch securely.	
Accelerator pedal	Press on the accelerator pedal a few times to ensure it operates freely and it returns to the rest position when released.	
Brake pedal	Press down on the brake pedal and make sure you feel firm resistance and that it fully returns to position when released.	
Fuel level	Check the fuel level.	

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.	
Ignition switch	Turn the ignition switch to OFF to verify if engine will shut down. Restart engine.	
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 brakes. The brake pedal must feel firm when applied. The pedal must return to rest position when released. The brakes must respond adequately to the driver's input.	

PREPARE TO RIDE

Before You Ride

Perform pre-ride inspection to confirm the safe operating condition of your vehicle. Refer to *PRE-RIDE INSPECTION* subsection.

Driver and passenger must:

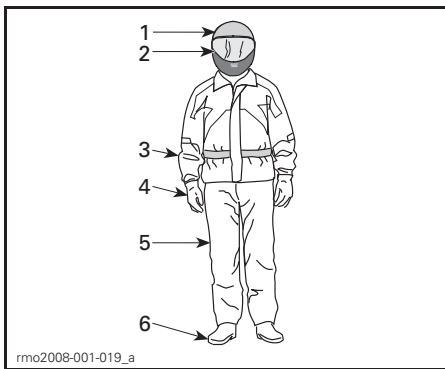
- Be properly seated.
- Latch both side nets and fasten seat belt.
- Wear appropriate riding gear. (Refer to *RIDING GEAR* subsection below.)

Riding Gear

It is important that the operator and passenger always wears appropriate protective clothing and apparel, including:

- An approved helmet
- Eye protection
- Boots
- Gloves
- A long sleeved shirt or jacket
- Long pants.

Depending on conditions, anti-fogging goggles may be required.



RIDING GEAR

1. Approved helmet
2. Eye and face protection
3. Long sleeves shirt or jacket
4. Gloves
5. Long pants
6. Boots (over-the-ankle footwear)

Weather conditions should help you decide how to dress. To maximize comfort and avoid frostbite in winter, dress for the coldest weather expected. Thermal underwear next to the skin also provides a good insulation.

Never wear any loose clothing that may get entangled in the vehicle or on tree branches and shrubs.

Helmets and Eye Protection

Helmets protect the head and brain from injury. Even with the vehicle's cage and side nets, objects can enter the cockpit and strike the head, or the head can strike the cage itself or objects outside the vehicle. Even the best helmet is no guarantee against injury, but statistics indicate that helmet use significantly reduces the risk of brain injury. So, be safe and always wear a helmet while riding.

Choosing a Helmet

Helmets should be manufactured to meet the appropriate standard in your state, province or country and should fit properly.

A helmet with face protection is a better choice as it protects also against frontal impacts. It can also protect against debris, stones, insects, the elements, etc.

An open-face helmet does not offer the same protection for the face and chin. If you wear an open-face helmet, you should use a snap-on face shield and/or a pair of goggles. Ordinary glasses or sunglasses are not sufficient eye protection for riders. They can shatter or fly off, and they allow wind and airborne objects to reach the eyes.

For winter riding conditions, a stocking type cap, balaclava and face mask should always be carried or worn.

Use tinted face shields or goggles in the daytime only; do not use them at night or in poor illumination. Do not use them if they impair your ability to discern color.

Other Riding Gear

Footwear

Always wear closed toe footwear. Sturdy over-the-ankle boots with non-slip soles offer more protection and allow you to plant your foot properly on footrest.

Avoid long shoelaces that can be tangled in the accelerator or brake pedals.

For winter riding conditions, rubber soled boots with either a nylon or leather uppers, with removable felt liners are best suited.

Avoid rubber boots. Rubber boots may get trapped behind or between pedals, impairing the proper operation of brake and accelerator pedals.

Gloves

Full-fingered gloves protect hands from the wind, sun, heat, cold and flying objects. Gloves that fit snugly will improve grip on the steering wheel and help reduce hand fatigue. Sturdy, reinforced motorcycle or ATV gloves help protect hands in the event of an accident or a rollover. If gloves are too bulky, it may be difficult to operate the controls.

For winter riding conditions, hands should be protected by a pair of snowmobile gloves which have sufficient insulation and allow use of thumbs and fingers for operation of controls.

Jackets, Pants and Riding Suits

Wear a jacket or a long sleeved shirt and long pants, or a full riding suit. Quality ATV-type protective gear will provide comfort, and it can help you avoid being distracted by adverse environmental elements. In case of a

crash, good quality protective gear made of sturdy material may prevent or reduce injury.

In cool-weather riding, protect yourself against hypothermia. Hypothermia, a condition of low body temperature, can cause loss of concentration, slowed reactions and loss of smooth, precise muscle movement. In cool conditions, proper protective gear like a windproof jacket and insulated layers of clothing are essential. Even at moderate temperatures, you can feel very cold due to the wind while riding.

Protective gear that is appropriate for cold-weather riding may be too hot when stopped. Dress in layers so that clothing can be removed as desired. Topping the protective gear with a windproof outer layer can prevent cold air from reaching the skin.

Rain Gear

If you must ride in wet weather, a rain suit or a waterproof riding suit is recommended. On long rides, it is a good idea to carry rain gear. A dry rider will be much more comfortable and alert.

Hearing Protection

Long-term exposure to wind and engine noise when riding can cause permanent hearing loss. Properly worn hearing protective devices such as earplugs can help prevent hearing loss. Check local laws before using any hearing protective devices.

AVOID ACCIDENTS

Avoid Rollovers and Tipovers

Side-by-side vehicles handle differently from other vehicles. Side-by-side vehicles are designed to handle off-road terrain (for example, their wheel base and track width, ground clearance, suspension, drivetrain, tires, etc.), and, as a result, can overturn in situations where vehicles designed for use primarily on paved or smooth terrain may not.

A rollover or other accident can occur quickly during abrupt maneuvers such as sharp turns or hard acceleration or deceleration when turning, or when driving on hills or over obstacles. Abrupt maneuvers or aggressive driving can cause rollovers or loss of control even in flat open areas. If the vehicle rolls over, any part of your body (such as arms, legs, or head) outside of the cockpit can be crushed and trapped by the cage or other parts of the vehicle. You can also be injured by impact with the ground, cockpit or other objects.

To reduce the risk of rollovers:

- Use care when turning.
 - Do not turn the steering wheel too far or too fast for your speed and environment.
 - 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.

This vehicle can roll over sideways or tip over forward or backwards on slopes or uneven terrain.

- Avoid side hilling (driving along the slope rather than up or down a hill). When possible, drive straight up and down inclines rather than across them. If you must side hill, use extreme caution and avoid slippery surfaces, objects, or depressions. If you feel the vehicle start to rollover or slide sideways, steer downhill if possible.
- Avoid steep hills and follow procedures in this guide for climbing and descending hills.
- Sudden changes in terrain such as holes, depressions, banks, softer or harder ground or other irregularities may cause the vehicle to tip or become unstable. Observe the terrain ahead and slow down in areas of uneven terrain.

This vehicle will handle differently when carrying or pulling a load.

- Reduce speed and follow instructions in this manual for carrying cargo or pulling a trailer.
- Avoid hills and rough terrain.
- Allow more distance to stop.

Be prepared in case of rollover

- Fasten side net and seat belt to help you avoid sticking out arms or legs.

- Never grab the cage while riding. Hands can be crushed between the cage and the ground in a rollover. Keep hands on the steering wheel or handholds.
- Never try to stop a rollover using your arm or leg. If you think that the vehicle may tip or roll, the driver should keep both hands on the steering wheel and the left foot planted. The passenger should keep both hands on the handholds and the right foot planted.

Avoid Collisions

This vehicle can reach high speeds. At higher speeds, there is an increased risk of losing control, particularly in challenging off-road conditions, and the risk of injury in a collision is greater. Never operate at excessive speeds. Always go at a speed that is proper for the terrain, visibility, and operating conditions, and your experience. Consider reserving use of the performance key for situations in which full speed and acceleration capability are appropriate.

Never operate this vehicle on any public street, road or highway, even dirt or gravel ones. Riding your vehicle on roads or highways could result in a collision with another vehicle. This vehicle is not designed for operation on roads. For example, it does not meet motor vehicle safety standards that apply to automobiles. In many jurisdictions it is not legal to operate this vehicle on public roads.

This vehicle does not have the same kind of protection from collisions as a car; for example, there are no air bags, the cockpit is not fully enclosed, and it is not designed for collisions with other vehicles. Therefore, it is particularly important to fasten seat belts and side nets and wear an approved helmet.

RIDING YOUR VEHICLE

Practice Exercises

Before you go out for a ride, it is very important to familiarize yourself with the handling of your vehicle by practicing in a controlled environment. If possible, it is also a very good idea to take a more formal training course to sharpen your skills and increase your knowledge of the vehicle.

Find a suitable area to practice and perform the following exercises. It should be at least 45 m (150 ft) by 45 m (150 ft). An area without obstacles like trees and rocks. Once you've selected a suitable permitted location, proceed with the following practice exercises.

Turning Exercises

Turning is one of the most frequent causes of accidents. It is easier for the vehicle to lose traction or rollover if you turn too sharply, or go too fast. Slow down when you approach a turn

- First learn how to perform slight right turns at very low speeds. Release the throttle before turning and slowly reapply the throttle when turning.
- Repeat turning exercise but this time maintain the throttle at the same position while turning.
- Finally, repeat turning exercise while accelerating slowly.
- Repeat exercises turning on the other side.

Note how your vehicle reacts in these different exercises. We recommend releasing the throttle before entering into a turn to help initiate directional change. You will feel the lateral force increasing with the speed and with your steering input. The lateral force should be maintained as low as possible to make sure it does not cause the vehicle to roll over.

U turn Exercises

Practice doing U turns.

- Accelerate slowly then gradually turn the steering wheel to the right until you have completed the U turn.
- Repeat U turn exercise with different steering inputs and always at a very low speed.
- Repeat U turn exercise on the other side.

As mentioned before in this guide, do not ride on paved surfaces as the vehicle behavior will not be the same, increasing the risk of rollover.

Braking Exercises

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.

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

Reverse Exercises

The next step involves using the reverse.

- Install 1 cone marker on both sides of the vehicle beside each rear wheel. Move the vehicle forward until you can see the cone markers, then stop the vehicle. Acknowledge the distance required to see obstacles behind you.
- Learn how the vehicle handles itself in reverse and reacts with steering inputs.

- Always perform this reverse exercise at slow speeds.
- Get familiarized with the usage of the override function. Do not steer while using the override as it increases the risks of rollover.

Emergency Engine Stopping Exercise

Learn how to stop your engine quickly in an emergency situation.

- While running at low speed, simply turn the ignition key to the off position.

This is to familiarize you with the vehicle's reaction when the engine is turned off while driving and to develop this reflex.

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 terrain substance, shape and 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. The vehicle should never be operated by anyone who is not completely familiar with the driving instructions applicable to the vehicle, nor should it be operated on steep or treacherous terrain.

General Riding Techniques

General Driving Tips

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

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

In off-road operation, power and traction, not speed, are important. Never drive faster than visibility and your own ability to select a safe route permit. Always go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating this vehicle. Be especially cautious on excessively rough, slippery, icy or loose terrain.

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. See an authorized Can-Am dealer.

To maintain proper control it is strongly advised that you keep your hands on the steering wheel and within easy reach of all controls. The same holds true for your feet. To minimize the possibility of any leg or foot injury, keep your left foot on the footrest and right foot on the floor at all times. Staying completely within the cockpit will also help keep you from striking objects outside the vehicle.

Watch for and avoid branches and other objects that could enter the cockpit and strike you or your passenger.

Operating in Reverse

When operating in reverse, check that the path behind the vehicle is free of people or obstacles. Pay attention to blind spots. When it is safe to proceed in reverse, go slowly and avoid sharp turns.

 **WARNING**
Steering inputs in reverse operation increase the risk of rollover.

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

 **WARNING**

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

Crossing Roads

If you have to cross a road, ensure to have complete visibility on both sides for incoming traffic and decide on exit point on other side of road. Drive in a straight line toward that point. Do not make sharp direction changes or abrupt accelerations as it may result in a rollover situation. Do not travel on sidewalks or bicycle trails as they are designated specifically for those uses.

Riding on Paved Surfaces

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.

Shallow Water Crossing

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 depth should not exceed 30 cm (12 in) for vehicle to safely cross the obstacle. Beware 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.

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.

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 Snow or Ice

When performing pre-ride inspection, pay special attention to locations on the vehicle where snow and/or ice accumulations may obstruct visibility of the tail lamp, clog ventilation openings, block the radiator and fan, and interfere with the movement of controls. Before starting with your vehicle, check the steering, accelerator and brake pedals for interference free operation.

Whenever this vehicle 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 is also affected. Slow down and do not "gun" the accelerator. 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 to give yourself time and distance in order to keep control of the vehicle.

As you drive your vehicle 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 vehicle. 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 and accelerator pedals and floor boards free of snow and ice. Frequently wipe snow off seat, steering wheel, headlights and tail lamps.

The depth of the snow cover may hide rocks, tree stumps or other objects and if it is wet may totally impede the drivability as the vehicle becomes bogged down or completely loses 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 waterways before checking that the ice will safely support the vehicle, its riders and its load of cargo.

At the end of each ride it is a good practice to clean the vehicle 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 on Sand

Sand and riding on sand dunes is another unique experience but there are some basic precautions that should be observed. Wet, deep or fine sand 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.

Riding on Gravel, Loose Stones or Other Slippery Surfaces

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 and 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's way. Never do it deliberately.

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

Crossing Obstacles

Obstacles on the "trail" should be traversed with caution. This includes rocks, fallen trees, and depressions. You should avoid them whenever possible. Remember that some obstacles are too large or dangerous to cross and should be avoided. As a guideline, never attempt to cross an obstacle higher than the ground clearance of the vehicle. Small rocks or small fallen trees may be safely crossed - approach obstacle at low speed and as much as possible at a right angle. Adjust speed without losing momentum and do not accelerate abruptly. Passenger must grasp handholds firmly and brace feet on the floor. Hold steering firmly without closing your fists around it and proceed. Be aware that the obstacle may be slippery or may move while crossing.

Hill Driving Conditions

When driving on hills or slopes, two things are highly important: be prepared for slippery surfaces or terrain variations and obstacles and brace yourself properly inside vehicle. If you climb or descend a hill that is too slippery or has too loose a surface, you can lose control. If you go over the top of a hill at high speed, you may not have time to prepare for the terrain on the other side. Avoid parking on a slope. Always put the shift lever in PARK when stopped or parked, especially on an incline, to avoid rolling. If you must park on a steep incline, block the wheels using rocks or bricks.

Uphill Driving

Use the low range for uphill driving.

Due to its configuration, this vehicle has very good traction even while climbing, so much so that tip over is possible before traction is lost. For example, it is common to encounter terrain situations where the top of the hill has eroded to a point that the hill peak rises very sharply. This vehicle is not designed to negotiate such a condition. Take an alternate route.

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.

If you feel that the slope is getting too steep to climb, apply brakes to immobilize vehicle. Put shift lever in reverse, and back down the hill, barely releasing brakes to remain at low speed. Do not attempt to turn around. Never coast down hill while vehicle is in neutral. Do not perform hard braking as it increases the risk of tipover.

Downhill Driving

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

Decelerating while negotiating a slippery downhill slope could "toboggan" the vehicle, causing it to slide. Maintain steady speed and/or accelerate slightly to regain control. Never slam brakes and lock the wheels.

Side Hilling

Whenever possible, sidehilling (driving across a slope rather than up or down it) should be avoided. If necessary, do so with extreme caution. Side hilling on steep inclines could result in rollover. In addition, slippery or unfirm surfaces could result in uncontrollable side sliding. Avoid all objects or depressions that will intensify the raising

of one side of the vehicle higher than the other, thus causing rollover. If you feel the vehicle start to rollover or slide sideways, steer downhill if possible.

Drop-Offs

This vehicle is not designed to negotiate drop-offs. It 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.

Recreational, Group and Distance 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 right of the trail and do not zig zag to one side of the trail then the other. Be prepared to stop or pull off to the side if another trail user appears in front of you.

Join a local side-by-side vehicle 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. Never ride under the influence of alcohol or drugs, or tired or ill.

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".

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 or emergency equipment. Find out where you can get additional gasoline and oil. Be prepared for the possible conditions you may encounter. An emergency first aid kit should always be a consideration.

Environment

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

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

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

Respect farm lands. Always obtain the permission of the landowner before riding on private land. Respect crops, farm animals and property lines.

Finally, do not pollute streams, lakes or rivers and do not modify the engine or exhaust system, or remove any of its components as it will alter the vehicle emissions.

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 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, passenger, cargo, accessories and trailer tongue weight.

LOAD LIMIT OF THE VEHICLE	
363 kg (800 lb)	Includes occupants, cargo, tongue weight and added accessories

Following are examples of suitable total vehicle load distribution:

EXAMPLES OF SUITABLE VEHICLE TOTAL LOADS				
Operator and Passenger	Cargo Box Load	Accessories	Tongue Weight	Total Vehicle Load
200 kg (441 lb)	70 kg (154 lb)	25 kg (55 lb)	68 kg (150 lb)	363 kg (800 lb)
100 kg (220 lb)	263 kg (580 lb)	0 kg (0 lb)	0 kg (0 lb)	363 kg (800 lb)

To reduce the risk to lose control or the load carried, follow these recommendations.

Vehicle Settings When Carrying Load

When the total load exceeds 180 kg (400 lb), including weight of operator, passenger, cargo, accessories and trailer tongue weight, inflate the tires to maximum pressure 83 kPa (12 PSI) Front, 152 kPa (22 PSI) Rear.

NOTE: When carrying heavy loads in cargo box readjust suspension accordingly

NOTE: When carrying heavy loads in cargo box or pulling a trailer operate with the shift lever in L (low range).

Loading the Cargo Box

NOTICE When loading or unloading, do not exceed the weight limit of 100 kg (220 lb) on either tailgate.

Load cargo as low as possible – a higher load can raise the vehicle's center of gravity, which can reduce stability. Position cargo toward the front and center of the cargo box and as evenly as possible.

Secure the load to the tie down hooks inside cargo box. Use only the tie down hooks on the bottom of the cargo box; do not secure cargo to the cage or other part of the vehicle. If it is not properly secured, a load may slide or fall off, possibly striking occupants or bystanders; or it may shift during riding, affecting the handling of the vehicle.

Objects that are higher than the walls of the cargo bed may affect visibility for the driver and may act as projectiles in case of an accident. Loads that protrude sideways can get snagged or caught in bush, branches or other obstacles. Avoid covering and obstructing the brake lights with the cargo. Ensure no cargo protrudes outside the box and that cargo will not interfere with your visibility or control of the vehicle.

Do not overload cargo box.

Close both tailgates before operating.

MAXIMUM CARGO BOX LOADS		
CARGO BOX (total)	272 kg (600 lb)	Evenly distributed and safely secured. Loaded as low as possible to reduce height of center of gravity.
LOWER CARGO BOX	272 kg (600 lb)	Evenly distributed.
TOP CARGO BOX	181 kg (400 lb)	Evenly distributed on floor separator.
UPPER TAILGATE	100 kg (220 lb)	Only while loading cargo into cargo box. Never operate with tailgate open.
LOWER TAILGATE	100 kg (220 lb)	Only while loading cargo into cargo box. Never operate with tailgate open.

Following are examples of cargo box loading limits:

EXAMPLES OF CARGO BOX TOTAL LOADS		
CARGO BOX UPPER SECTION LOAD	CARGO BOX LOWER SECTION LOAD	TOTAL CARGO BOX LOAD
0 kg (0 lb)	272 kg (600 lb)	272 kg (600 lb)
100 kg (220 lb)	172 kg (379 lb)	272 kg (600 lb)
181 kg (400 lb)	91 kg (201 lb)	272 kg (600 lb)

Operating While Carrying a Load

Reduce your speed when carrying cargo and turn gradually. Avoid hills and rough terrain. Allow more distance for braking. This vehicle may require additional stopping distance if carrying heavy loads, especially on inclined surfaces.

Tilting the Cargo Box

Unloading the cargo box is simplified with a tilting bed, which may be operated by either side handle.



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1. Side handle

⚠ WARNING

- Always ensure no one is standing behind the cargo box before you actuate the release handle.
- The load weight may affect the operation of the cargo box tilting feature (tilting or lowering).

Be very careful with the operation of the tail gates and the bed tilt as the load may have moved during transport.

To lower the bed, simply push on the cargo box.

⚠ WARNING

- Keep yourself and others clear of the cargo box and vehicle frame junction when lowering cargo box.
- Ensure to properly latch the cargo box and the tailgates before riding.
- Make sure you do not leave objects between lifted cargo box and vehicle frame to ensure proper latching of the cargo box when lowered.



tmo2011-001-503

FRONT SECTION OF INCLINED CARGO BOX
FREE OF ANY OBJECTS

tmo2011-001-310_a

PUSH TO CLOSE
1. Hand guard

Hauling a Load

Never pull a load by attaching it to the cage; this can cause the vehicle to tip over. Use only the trailer hitch or winch (if installed) to pull a load.

When pulling loads with a chain or cable, ensure that there is no slack before starting and maintain tension while pulling.



WARNING

Slack can cause the chain or cable to break and snap back.

When pulling another vehicle, be sure that someone is controlling the pulled vehicle. They must brake and steer to prevent the vehicle from going out of control.

Before pulling loads with a winch, refer to the winch manufacturer's instructions.

Reduce your speed when hauling a load and turn gradually. Avoid hills and rough terrain. Never attempt steep hills. Allow more distance for braking, especially on inclined surfaces. Be careful not to skid or slide.

Pulling a Trailer

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 HAULING 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			
TYPE OF ATTACHMENT	TRAILER LOAD ALLOWED	TONGUE WEIGHT ALLOWED	NOTE
50.8 mm (2 in) X 50.8 mm (2 in) hitch ball support	680 kg (1,500 lb)	68 kg (150 lb)	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.
38 mm (1.5 in) X 38 mm (1.5 in) hitch ball support and the appropriate hitch adapter	400 kg (882 lb)	40 kg (88 lb)	

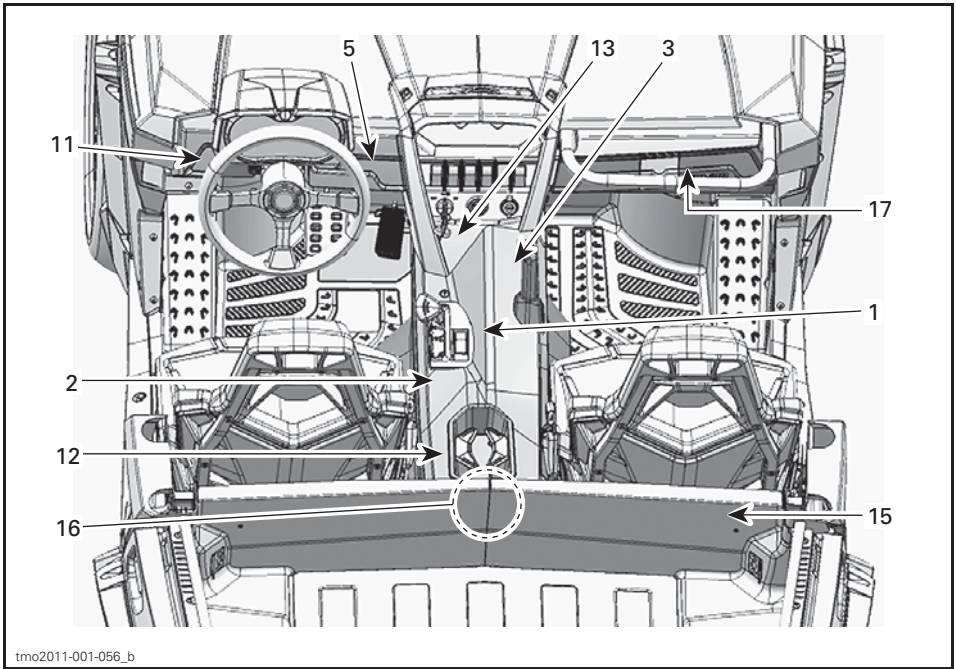
IMPORTANT ON-PRODUCT LABELS

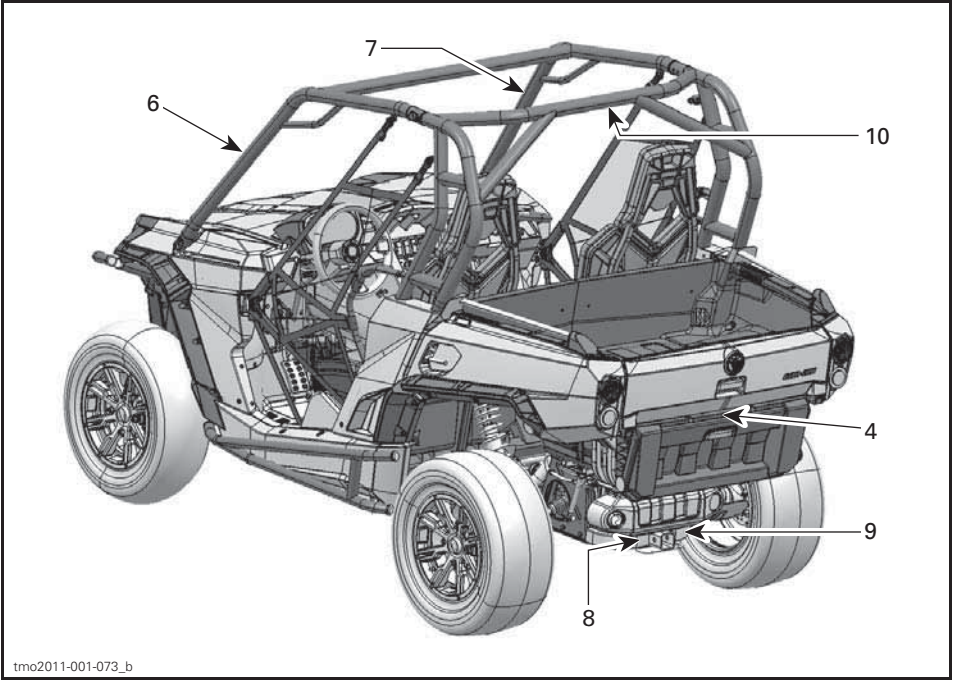
Safety Labels

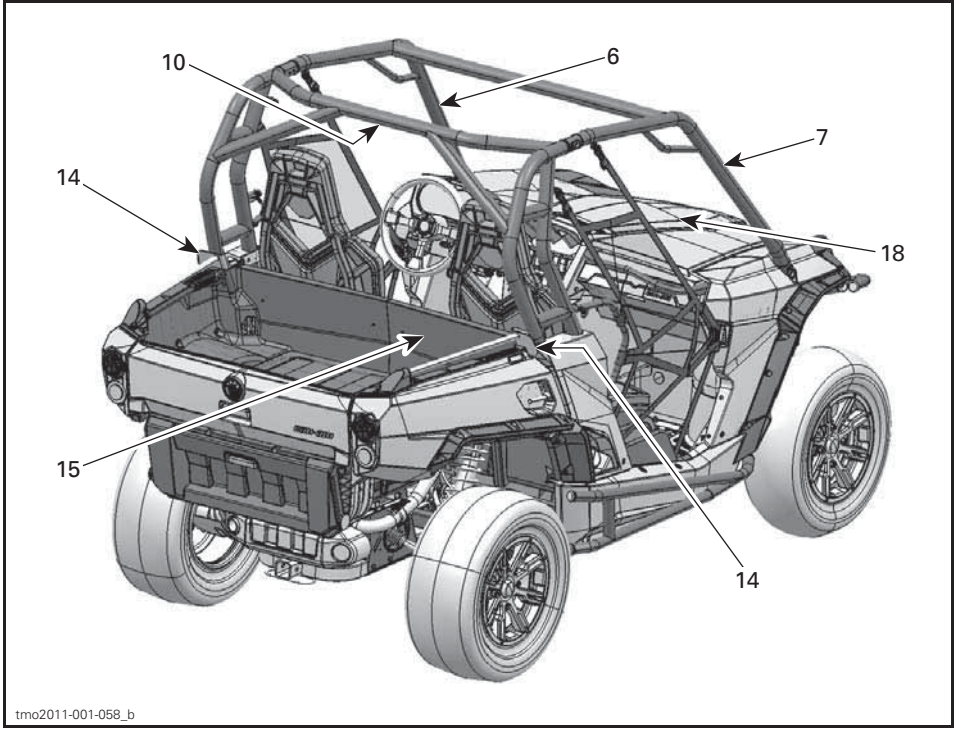
Read and understand all the safety labels on your vehicle.

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

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







tmo2011-001-058_b

Label 1

704902328B

704902328



WARNING

To reduce risk of serious injury or death, read the operator's guide and safety labels, watch the safety video and:

Avoid Rollovers, Tipovers and Collisions

Abrupt maneuvers or aggressive driving can cause rollovers or loss of control - even on flat ground - resulting in crushing and other injuries.

- Never drive too fast for the situation. Slow down before turning. Avoid braking in a turn.
- Use care when turning. Do not turn the steering wheel too far or too fast. Avoid hard acceleration when turning, even from a stop.
- Never attempt donuts, skids, slides, fishtails, jumps or other stunts.
- Avoid paved surfaces. If you must drive on pavement, turn gradually and go slowly.
- Avoid side hilling (riding across slopes) and steep hills.
- Do not ride on public roads - this vehicle is not designed for on-road safety.

Prepare to Ride

- Fasten hats and seat belt.
- Wear an approved helmet and other protective gear.
- Keep entire body inside the cockpit. Hold the steering wheel with both hands. Plant left foot on footrest. Sit against backrest.
- Make sure the passenger is prepared and qualified.

Label 2

⚠ **WARNING**

P
R
N
H
L

Put the shift lever to PARK (P) before exiting vehicle. The vehicle can roll if not in PARK.

704902338

Stop the vehicle and apply the brake before using the shift lever and the 2WD/4WD switch.

704902338B

Label 4

⚠ **WARNING**

Never carry passenger in cargo box or on gate.



704902420

Max weight on tailgate (during loading only) - 100 kg (222 lb)

704902420C

Label 3

⚠ **WARNING**

PASSENGER

To reduce the risk of severe injury or death, read the safety labels and always follow these rules:

Prepare to Ride


- Fasten net and seat belt.
- Wear an approved helmet and other protective gear.
- Always keep entire body inside the cockpit. Hold the handgrips firmly with both hands. Plant right foot on footrest. Sit against backrest.

Be Qualified and Responsible

- Only one passenger can ride with the operator.
- Passenger must be at least 12 years old and able to hold handgrips and plant feet while seated against the backrest.
- Do not ride after using drugs or alcohol.
- Ask the operator to slow down or stop if you feel uncomfortable when riding.

UNDER

12



704902347

704902347B


Label 5

⚠ WARNING

Be Qualified and Responsible

- Driver must be at least 16 years old.
- Do not operate after using drugs or alcohol.

UNDER 16



704902414C

704902414

Label 6

⚠ WARNING

Be prepared in case of rollover

If the vehicle rolls over, any part of your body (such as arms, legs, or head) outside of the cockpit can be crushed by the cage or other parts of the vehicle.

Fasten net and seat belt to help you avoid sticking out arms or legs.

Never hold the cage while riding.

If you think or feel that the vehicle may tip or roll, plant your left foot on footrest and keep both hands on the steering wheel.

Never try to stop a rollover using your arm or leg.



704902413C

Label 7

⚠ WARNING

Be prepared in case of rollover


If the vehicle rolls over, any part of your body (such as arms, legs, or head) outside of the cockpit can be crushed by the cage or other parts of the vehicle.

Fasten net and seat belt to help you avoid sticking out arms or legs.

Never hold the cage while riding.

If you think or feel that the vehicle may tip or roll, plant your feet and keep both hands on the handgrips.

Never try to stop a rollover using your arm or leg.



704902415D

Label 8

⚠ WARNING

Improperly loading a trailer may cause loss of control. Evenly balance the load.

- Maximum towing weight: 680 kg (1500 lb)
- Maximum tongue weight: 68 kg (150 lb)

704902336B 704902336

Label 10

⚠ WARNING

NEVER attach to the cage to pull a load. This can cause the vehicle to tip over. Use only the trailer hitch to pull a load.

704902424B 704902424

Label 9

⚠ WARNING

When pulling a trailer:

- Set the shift lever to low gear range (L).
- Reduce your speed and turn gradually.
- Avoid hills and rough terrain.
- Allow more distance to stop.

704902345C 704902345

Label 11

⚠ WARNING

Prepare the Vehicle

- Perform pre-ride inspection before each ride.
- Max weight 363 kg (800 lb)
- Never carry more than one passenger.

704902332B 704902332

Label 12

⚠ WARNING

<p>COLD tire pressure:</p> <p>Minimum Maximum (use when loaded)</p> <p>FRONT: 69 kPa (10 psi) FRONT: 83 kPa (12 psi)</p> <p>REAR: 83 kPa (12 psi) REAR: 152 kPa (22 psi)</p>		<p>Improper tire pressure can increase the risk of loss of control.</p> <ul style="list-style-type: none"> • An underinflated tire can come off the rim. • Use Max pressure if total load exceeds 180 kg (400 lb), including operator, passenger, cargo, accessories, and trailer tongue weight.
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704902334C 704902334

Label 13

THIS VEHICLE IS AN OFF ROAD VEHICLE NOT INTENDED FOR USE ON PUBLIC ROADS

CE VÉHICULE EST CONÇU POUR UN USAGE HORS ROUTE ET N'EST PAS DESTINÉ AUX VOIES PUBLIQUES

704902407A 704902407

Label 14

⚠ WARNING



Pinch point. Keep clear when lowering cargo box.

704902350B 704902350

Label 15

⚠ WARNING

**Never carry passenger in cargo box or on gate.
Never place gasoline container inside cargo box when filling it. This can lead to an explosion.**

To reduce the risk of loss of control or loss of load:

When loading cargo:

- Position cargo toward front and center and as low as possible.
- Do not overload cargo box: Max cargo load = 272 kg (600 lb) total
= 181 kg (400 lb) upper section
- Never exceed the vehicle load capacity of 363 kg (800 lb) including weight of operator, passenger, cargo, accessories and trailer tongue weight.
- Secure the load.
- Latch cargo box and tail gates.

When carrying a load:

- Reduce your speed and turn gradually.
- Avoid hills and rough terrain.
- Allow more distance to stop.



Refer to your Operator's Guide for more information regarding using the cargo box.

704902343

704902343C

Label 16

⚠ WARNING

(NL) ZOEK DE GEBRUIKERSHANDLEIDING OP EN LEES HEM. HOUD U AAN ALLE AANWIJZINGEN EN WAARSCHUWINGEN.

(FR) LOCALISER ET LIRE LE GUIDE DE L'OPÉRATEUR. SUIVRE TOUS LES CONSIGNES ET AVERTISSEMENTS.

(DE) BETRIEBSANLEITUNG AUSFINDIG MACHEN UND LESEN. ALLE ANWEISUNGEN UND WARNHINWEISE BEFOLGEN.

(PT) LOCALIZAR E LER O GUIA DE OPERAÇÃO. OBSERVAR TODAS AS INSTRUÇÕES E MENSAGENS DE AVISO.

(ES) UBICAR Y LEER LA GUÍA DEL OPERADOR. ATENERSE A TODAS LAS INSTRUCCIONES Y MENSAJES DE ADVERTENCIA.

704902422

704902422C

OUTSIDE CAN - US

Label 17


⚠ CAUTION

Storage compartment
Maximum load: 5 kg (11 lb)

704902434

704902434B

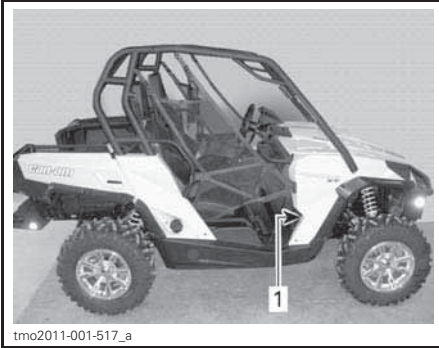
Label 18



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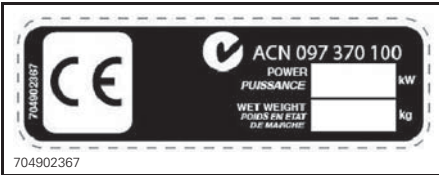
Compliance Labels

These labels indicate vehicle's compliance.



tmo2011-001-517_a

1. Compliance labels located under glove box



704902367



tsi2011-001-700_a

VEHICLE INFORMATION

PRIMARY CONTROLS

It is important to know the location and operation of all controls, and to develop and practice smooth and coordinated use of them.



tmo2011-001-509_a

PRIMARY CONTROLS

1) Steering Wheel

The steering wheel is located in front of the driver's seat.

The steering wheel steers the vehicle to the left or right.

Steer the steering wheel in the direction you want to go.



1. Steering wheel

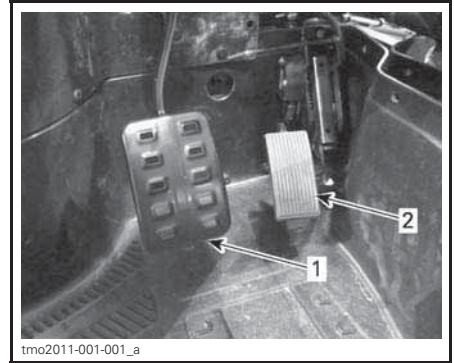
Grip the steering wheel with both hands, without having thumbs rolled around the steering wheel.

⚠ CAUTION Under rough trail conditions or when crossing an obstacle, the steering wheel could suddenly jerk on one side, causing hand or wrist injuries if the thumbs are rolled around the steering wheel.

2) Accelerator Pedal

The accelerator pedal is located on the right side of the brake pedal.

The accelerator pedal controls the engine speed.



1. Brake pedal
2. Accelerator pedal

To increase or maintain vehicle speed, press on the accelerator pedal with your right foot.

To decrease vehicle speed, release the accelerator pedal.

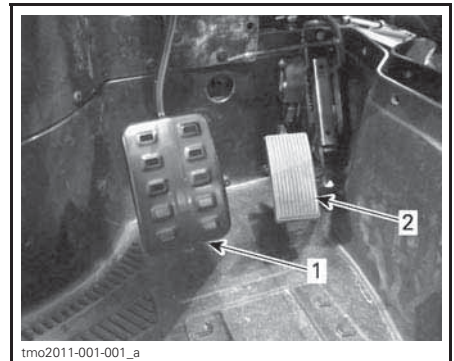
The accelerator pedal is spring loaded and should return to rest position (idle) when not pressed.

NOTE: The accelerator pedal should never be disassembled.

3) Brake Pedal

The brake pedal is located on the left side of the accelerator pedal.

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



1. Brake pedal
2. Accelerator pedal

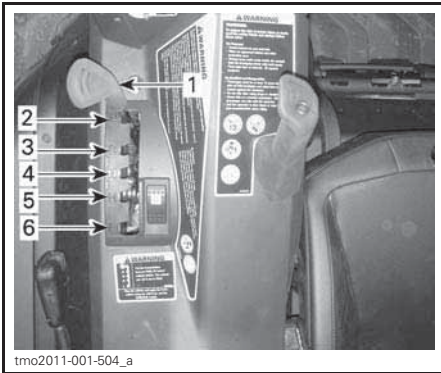
To decrease vehicle speed or to stop vehicle, press down the brake pedal with your right foot.

The brake pedal is spring loaded and should return to rest position when not pressed.

4) Shift Lever

The shift lever is located on the lower console.

The shift lever is used to change the gearbox position.



1. Shift lever
2. Park
3. Reverse
4. Neutral
5. High range (forward)
6. Low range (forward)

NOTICE Always completely stop the vehicle and apply the brake prior to moving the shift lever as this could damage powertrain components.

Park

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

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

Reverse

The reverse position allows the vehicle to go backward. Refer to *OPERATING IN REVERSE* in *GENERAL RIDING TECHNIQUES*.

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

! WARNING
If driving downhill in reverse, gravity can increase the vehicle speed above the set limited reverse speed.

Neutral

The neutral position disengages the gearbox.

High Range (Forward)

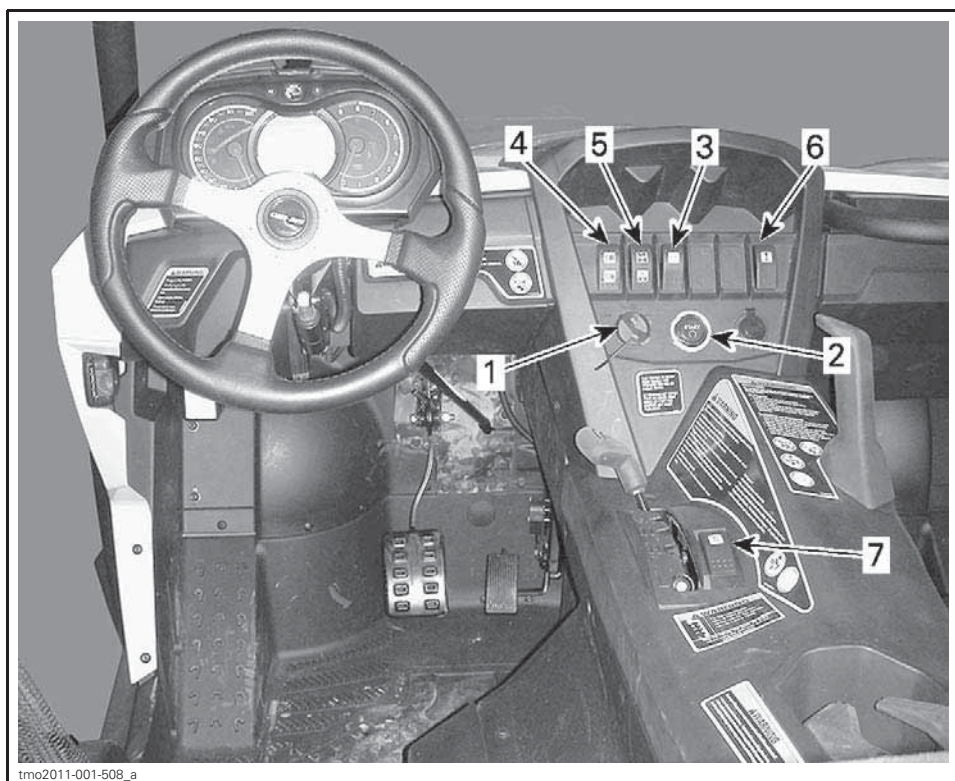
This position selects the high speed range of the gearbox. It is the normal driving speed range. It allows the vehicle to reach its maximum speed.

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.

SECONDARY CONTROLS

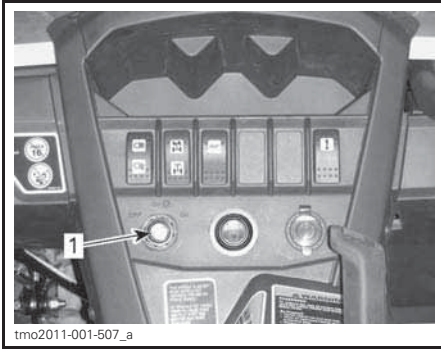


SECONDARY CONTROLS

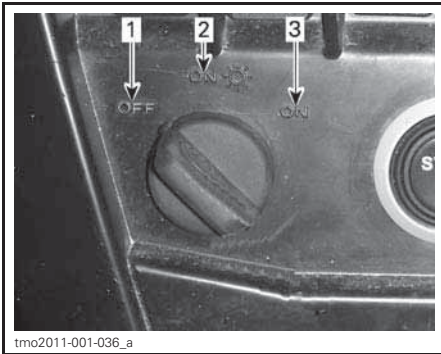
1) Ignition Switch and Keys

Ignition Switch

The ignition switch is located on the upper console area.



1. Ignition switch



IGNITION SWITCH POSITION

1. OFF
2. ON with lights
3. ON

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.

ON with Lights

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

The gauge should wake-up.
The vehicle lights are turned on.
The engine can be started.

NOTE: With engine running in the **ON with lights** position, select the **ON** position to turn off the lights.

ON

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

NOTE: With engine running in the **ON** position, select the **ON with lights** position to turn on the lights.

Ignition Keys

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.

Types of Keys

This vehicle can be operated using 3 different types of ignition keys:

- Normal key (grey)
- Performance key (black)
- Optional Work key (orange).

The key type is differentiated by its color.

⚠ WARNING

Rollovers, tipovers, collisions and loss of control resulting in serious injury or death are possible with the performance, normal or optional work keys. Using the work key or normal key is not a substitute for the operator being prepared, qualified, and operating with care.

Normal Key

The vehicle is delivered with a normal key.

The normal key limits the overall performance to 70% of maximum engine torque and vehicle speed to 70 km/h (43 MPH).

WARNING

On steep downhills, the engine speed limiter may not prevent the vehicle from accelerating beyond this speed.

This key may be useful for riders who prefer more gradual acceleration, or for riding in environments where full speed and high acceleration are not desirable. For example, in narrow, winding trails, operators may prefer the normal key.

Performance Key

The vehicle is delivered with a performance key, which allows the user to access the full torque of the engine as well as the top speed of the vehicle.

This may be useful for riders who prefer crisper throttle response, and for environments where higher speeds and greater acceleration are appropriate. For example, in wide-open, straight trails, operators may prefer the performance key.

Optional Work Key

A work key is also available at your dealership.

The work key limits the overall performance to 50% of maximum engine torque and vehicle speed to 40 km/h (25 MPH).

WARNING

On steep downhills, the engine speed limiter may not prevent the vehicle from accelerating beyond this speed.

This may be useful for riders who use this vehicle in a workplace environment where lower speeds and acceleration are a requirement.

2) Engine Start Button

The engine start button is located on the upper console. When pressed and held, it starts the engine.

NOTE: The ignition switch must be in the ON or ON with lights position to allow engine start.

NOTE: If the ignition switch is left ON for more than 15 minutes, engine will not start unless ignition switch is turned OFF, then ON again.



1. Engine start button

3) Sport Switch

The sport switch is located on the upper console.



1. Sport switch

The sport setting provides a crisper throttle response.

NOTE: The sport setting can be activated with all key types and provides the maximum power with the utilized key.

4) Low/High Beam Headlight Switch

The low/high beam headlight switch is located on the upper console.



1. Low/High beam headlight switch

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

5) 2WD/4WD Switch

The 2WD/4WD switch is located on the upper console.



1. 2WD 4WD switch

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 upwards.

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

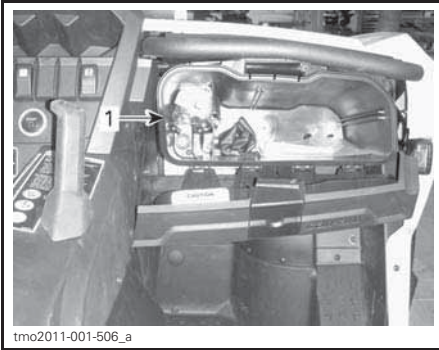
6) Winch Switch

The winch can be controlled from inside the vehicle with the winch control switch located in the upper console.



1. Winch switch

The winch also comes with a remote control located in the glove box.



1. Remote control

Refer to your *BASIC GUIDE TO WINCHING TECHNIQUES* included with your vehicle for proper winch operation.

7) Override Switch

The override switch is located on the lower console beside the shift lever.



1. Override switch

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 accelerator pedal 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.

The override switch is also used for two more functions:

- To reset the MAINT SOON message (refer to *MULTIFUNCTION GAUGE*).
- To move vehicle in case of a pedal accelerator failure (refer to *TROUBLESHOOTING GUIDELINES*).

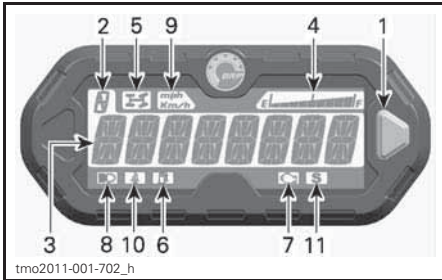
MULTIFUNCTION GAUGE (LCD)

The multifunction gauge (LCD) is located on the steering column.

⚠ WARNING

Do not adjust the display while riding . You could lose control.

Multifunction Gauge (LCD) Description



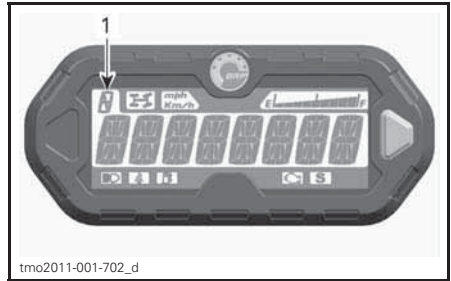
1. Selector button
2. Transmission position display
3. Main screen
4. Fuel level display
5. 4WD indicator lamp
6. Low fuel level indicator lamp
7. Check engine indicator lamp
8. High beam indicator lamp
9. MPH and KM/H indicator lamp
10. Seat belt indicator lamp
11. Sport mode indicator lamp

1) Selector Button

The selector button is used to navigate or change settings in the multifunction gauge.

2) Transmission Position Display

This display will show transmission position.



1. Transmission position

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

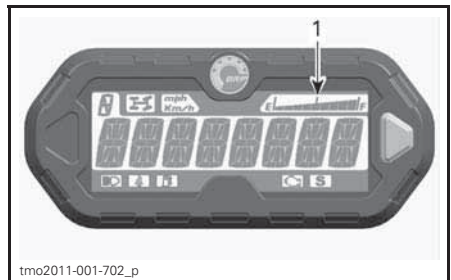
3) Main Screen

The main screen is used to display numerous functions of the multifunction gauge.

Refer to *MAIN SCREEN FUNCTIONS* for the different available modes:

4) Fuel Level Display

Bar gauge continuously indicates the level of fuel in the fuel tank while riding.



1. Fuel level display

5) 4WD Indicator Lamp



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

6) Low Fuel Level Indicator Lamp



When this indicator is ON, it indicates that there is approximately 12 L (3.2 U.S. gal.) of fuel left in fuel tank.

7) Check Engine Indicator Lamp



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

When this indicator blinks, it indicates that the **LIMP HOME** mode is activated.

Refer to *TROUBLESHOOTING* section for more details.

8) High Beam Indicator Lamp



When this indicator is ON, it indicates that **high beam** is selected on the headlights and that ignition key is in ON with lights position.

9) KM/H or MPH Indicator Lamp

mph
Km/h

The proper lamp turns on to indicate the unit the speedometer uses.

10) Seat Belt Indicator Lamp



When this indicator is ON, the driver's seat belt is not buckled.

11) Sport Mode Indicator Lamp

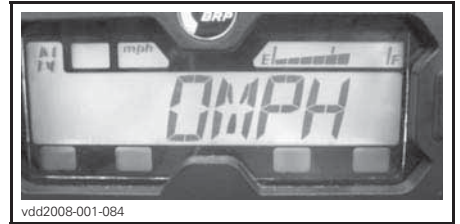


When this indicator is ON, the sport mode is active.

Main Screen Functions

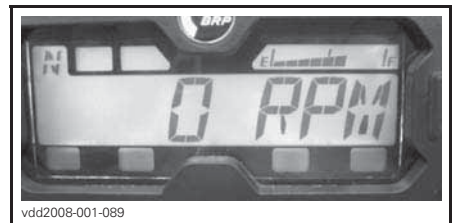
Speed Mode

In this mode, the main screen shows the speed of the vehicle either in km/h or in mph.



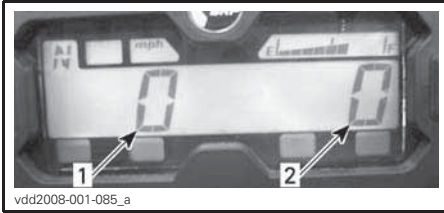
RPM Mode

In this mode, the main screen shows the engine RPM.



Combined Mode

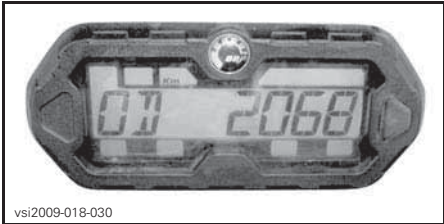
In this mode, the main screen shows the speed of the vehicle and the engine RPM.



1. Vehicle speed
2. Engine RPM

Odometer (OD)

Odometer records the total distance travelled either in miles or kilometers.



vsi2009-018-030

Clock

Shows current time.

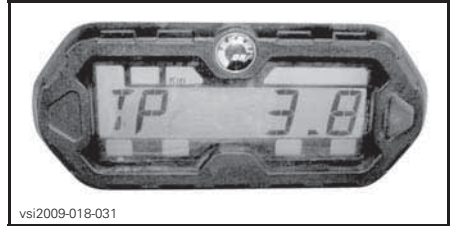


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Refer to *GAUGE SETUP* to set current time.

Trip Meter (TP)

The trip meter records the travelled distance since it has been reset. Distance travelled is displayed either in kilometers or miles.



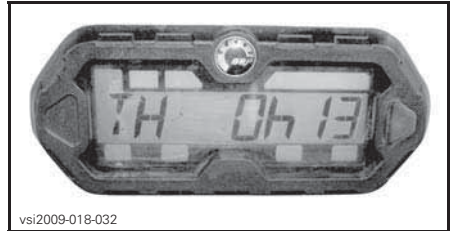
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It can be used to establish a fuel tank range or distance between 2 way points for instance.

Press and HOLD the selector button for 2 seconds to reset the trip meter.

Trip Hour Meter (TH)

The trip hour meter records vehicle running time when the electrical system is activated. It can be used to establish traveling time between 2 way points for instance.

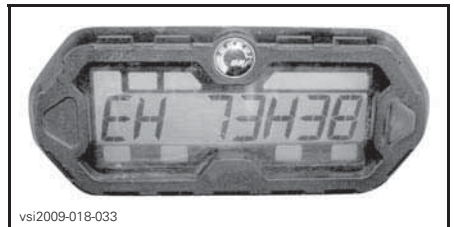


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Press and HOLD the selector button for 2 seconds to reset the hour meter.

Engine Hour Meter (EH)

The engine hour meter records engine running time.



vsi2009-018-033

Message Mode

Important messages can be displayed in the main screen. Refer to table below.

If an abnormal engine condition occurs, a message can be combined with a pilot lamp. Refer to *TROUBLESHOOTING* section for details.

MESSAGE	DESCRIPTION
BRAKE	Message displayed when the brakes are applied continuously for 15 seconds.
PERFORMANCE KEY	Displayed at power up when a the performance key is used.
WORK KEY	Displayed at power up when the work key is used.
OVERRIDE	Override is displayed when the override switch is pressed and the shift lever is set to reverse gear.
SEAT BELT	When the seat belt is not buckled and the vehicle speed is less than 10 km/h (6 MPH), the message is displayed and the pilot lamp will be lit. No engine torque limitation engaged.
ENGINE LIMITATION ENGAGED FASTEN SEAT BELT	When the seat belt is not buckled and the vehicle speed is above 10 km/h (6 MPH), the message is displayed and the pilot lamp will flash. The engine management will engage a torque limitation that will limit the vehicle speed to approximately 15 km/h (9 MPH).
SPORT MODE ACTIVE	Displayed when the sport button is pressed.
MAINTENANCE SOON	Displayed in gauge when vehicle will soon require periodic maintenance. Message can be erased by pressing alternately the override switch and the brake pedal 3 times, or can be erased by dealer.

Fault Code Mode

Press and hold mode button while switching high and low beam (three cycles) to access diagnostic fault codes.

Navigating in the LCD Gauge

Default Display Mode

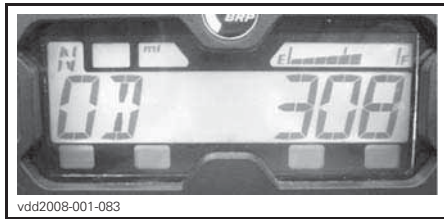
After vehicle startup, the default display mode shows either:

- Vehicle speed
- Engine revolutions per minute (RPM)
- Both parameters simultaneously (combined mode).

To change from one display to the other, proceed as follows.

1. Turn ignition key to ON to power the system up.
2. Wait until "greeting message" is finished.
3. Press and release selector button once to display OD (odometer).
4. Press the selector button again, this time for 2 seconds.

This will change the Mode to either Speed, RPM or Combined.



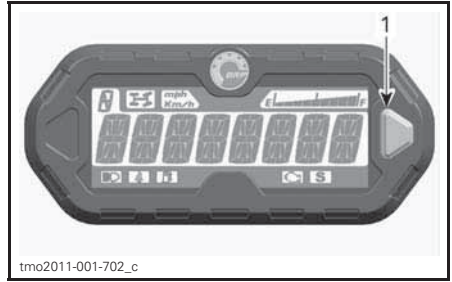
5. To select another mode, repeat steps 3 and 4 until you get the desired mode.

Temporary Display Mode

In the temporary display mode, the following functions are available:

- Odometer
- Clock
- Trip meter (resettable)
- Trip Hour meter (resettable)
- Engine hour meter.

Press and release selector button to change the default display mode to the temporary mode.



1. Selector button

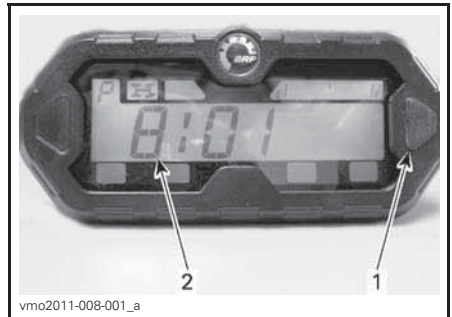
The gauge will display the selected mode for 10 seconds then will return to the normal display mode.

While in a resettable mode, push and HOLD selector button for 2 seconds to reset it.

Gauge Setup

Clock Setting

Once clock display as been selected, use the display selector button to set clock as follows:



1. Selector button
2. Time

1. Press and HOLD button (Display will flash).
2. Choose the 12-hour (12H) or 24-hour (24H) format by pressing button.

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

NOTE: The gauge will display the current time for 10 seconds then will return to the normal display mode.

Unit Selection (km/h vs MPH)

The speedometer, odometer and trip meter are factory preset in **miles** but it is possible to change them to **kilometer** reading. Contact an authorized Can-Am dealer.

Language Selection

The gauge display language can be changed. Refer to an authorized Can-Am dealer for language availability and setup the gauge to your preference.

MULTIFUNCTION GAUGE (ANALOG/DIGITAL)

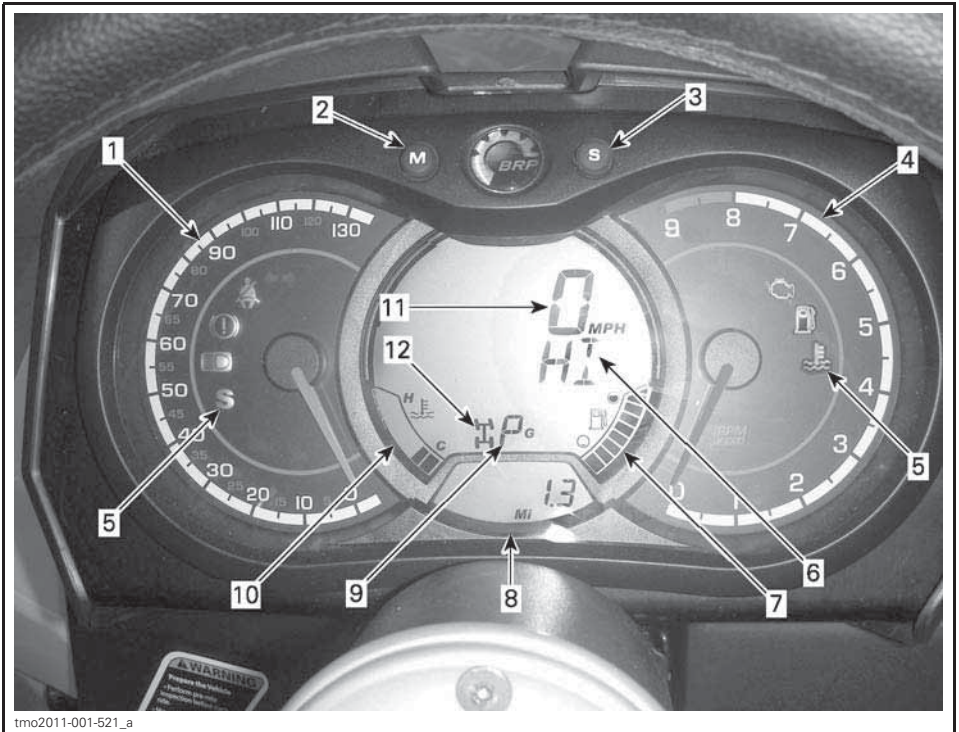
Multifunction Gauge (Analog/Digital) Description

The Multifunction Gauge (Analog/digital) is located on the steering column.

The Multifunction Gauge (Analog/digital) is comprised of a digital gauge and two analog gauges (speedometer and tachometer).

The engine temperature and fuel level bar graphs are comprised in the digital gauge.

The indicators lamps are comprised in both analog gauges.



⚠ WARNING

Do not adjust the display while riding. You could lose control.

1) Analog Speedometer

Measures vehicle speed in km/h or mph.

2) MODE (M) Button

Pressing the MODE (M) button will scroll through the functions of the secondary digital display.

3) SET (S) Button

Pressing the SET (S) button will scroll through the functions of the main digital display.

4) Analog Tachometer (RPM)






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

5) Indicator Lamps

Indicator lamps will inform you of various conditions or problems.

An indicator lamp can flash alone or in combination with another lamp.

The following table lists the pilot lamps during normal operation. Refer to *TROUBLESHOOTING SECTION* for additional information on pilot lamps

INDICATOR LAMP(S)		DESCRIPTION
All indicator lamps	On	All indicator lamps are activated when ignition switch is ON and the engine is not started
	On	Low Fuel
	On	Check Engine
	On	High Engine Temperature
	On	Headlights in the HIGH beam position
	Flash	Operator seat belt is not properly latched. Engine output will be limited, reducing the speed and operability of the vehicle. Main digital display: FASTEN SEAT BELT.
S	On	Sport mode engaged.

6) Main Digital Display

Displays useful real-time information to the rider.

Important messages can be displayed in the main digital display. Refer to table below.

If an abnormal engine condition occurs, a message can be combined with a pilot lamp. Refer to *TROUBLESHOOTING* section for details.

MESSAGE	DESCRIPTION
BRAKE	Message displayed when the brakes are applied continuously for 15 seconds.
PERFORMANCE KEY	Displayed at power up when a the performance key is used.
WORK KEY	Displayed at power up when the work key is used.
OVERRIDE	Override is displayed when the override switch is pressed and the shift lever is set to reverse gear.
SEAT BELT	When the seat belt is not buckled and the vehicle speed is less than 10 km/h (6 MPH), the message is displayed and the pilot lamp will be lit. No engine torque limitation engaged.
ENGINE LIMITATION ENGAGED FASTEN SEAT BELT	When the seat belt is not buckled and the vehicle speed is above 10 km/h (6 MPH), the message is displayed and the pilot lamp will flash. The engine management will engage a torque limitation that will limit the vehicle speed to approximately 15 km/h (9 MPH).
SPORT MODE ACTIVE	Displayed when the sport button is pressed.
MAINTENANCE SOON	Displayed in gauge when vehicle will soon require periodic maintenance. Message can be erased by pressing alternately the override switch and the brake pedal 3 times, or can be erased by dealer.

7) Fuel Level Indicator

Bar graph that continuously indicates the level of fuel left in the fuel tank.

8) Secondary Digital Display

Displays useful real time information to the rider. For display function informations, refer to *DIGITAL DISPLAY FUNCTIONS*.

9) Gearbox Position Indicator

Displays the selected gearbox position.

10) Engine Temperature Indicator

Bar graph that continuously indicates the engine coolant temperature.

11) Digital Speedometer

The vehicle speed is also indicated via this display.

12) Digital Speedometer

2WD / 4WD indicator.

Digital Display Functions

Main Display Functions

Pressing the SET (S) button will scroll through the different functions.

FUNCTION SEQUENCE	INFORMATION DISPLAYED
Tachometer (revolutions per minutes)	XXXX RPM

Secondary Display Functions

Pressing the MODE (M) button will scroll through the different functions.

FUNCTION SEQUENCE	INFORMATION DISPLAYED
Clock	XX:XX (24:00 time base) XX:XX A or P (12:00 AM/PM time base)
Cumulative distance odometer	XXXXX.X km or mi
Trip distance — odometer A (TRIP A)	XXXXX.X km or mi
Trip distance — odometer B (TRIP B)	XXXXX.X km or mi
Trip time chronometer (HrTRIP)	XXXXX.X
Engine time chronometer (Hr)	XXXXX.X

To reset any trip functions, push and hold the MODE (M) button for three seconds.

Gauge Setup

Setting Metric/Imperial Units

Go see a Can-Am dealer for adjustments.

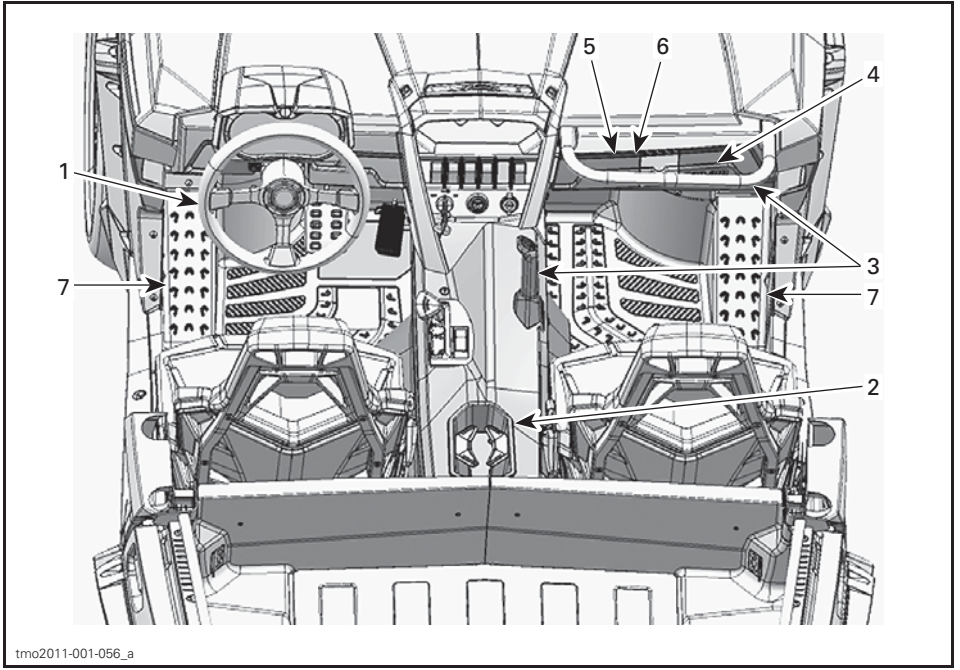
Setting Clock

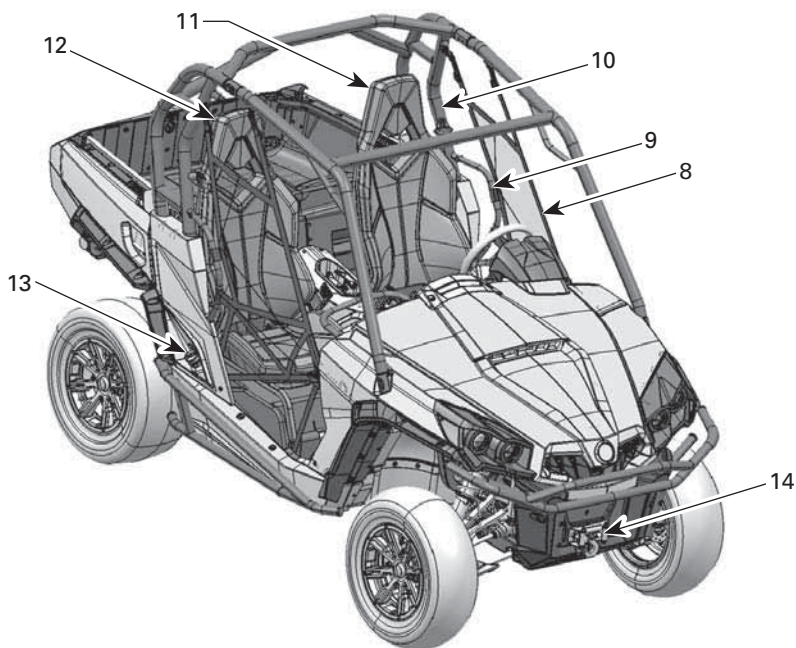
1. Press MODE (M) button to select clock display.
2. Push and hold MODE (M) button for three seconds.
3. Press MODE (M) button to select 12:00 AM PM or 24:00 time base.
4. If 12:00 AM PM time base is selected, A or P flashes. Press MODE (M) button to select A (AM) or P (PM).
5. Press SET (S) button to change hours.
6. Press MODE (M) button to switch to minutes (minutes flash).
7. Press SET (S) button to change minutes.
8. Press MODE (M) button.

Setting Language

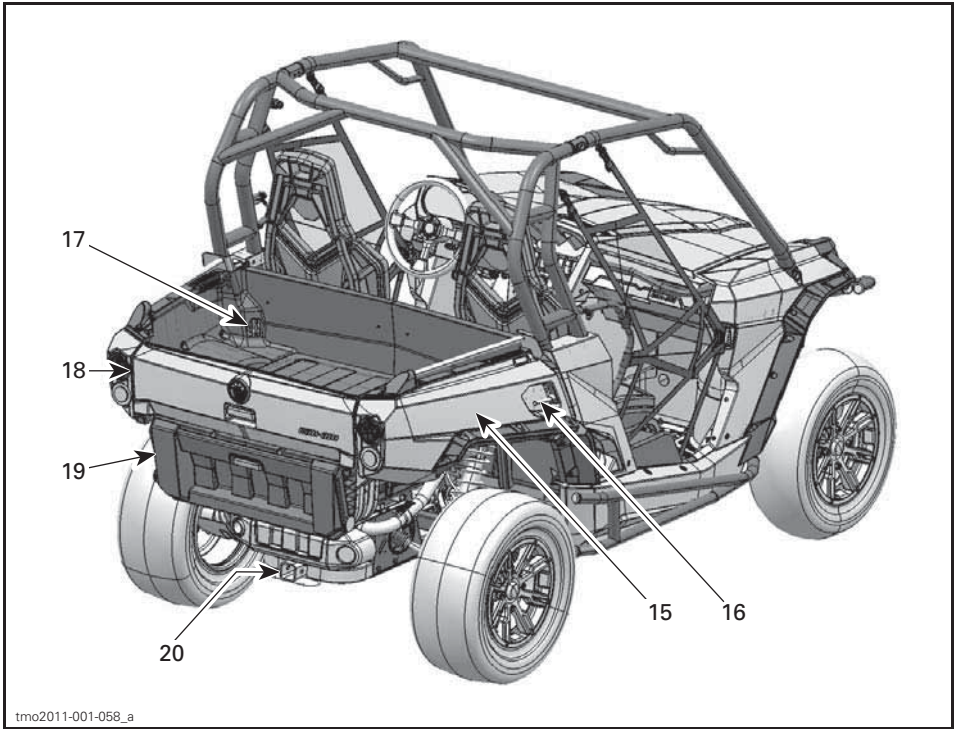
The gauge display language can be changed. Refer to an authorized Can-Am dealer for language availability and setup the gauge to your preference.

EQUIPMENT





tmo2011-001-057_a



1) Tilt Steering

The steering wheel height is adjustable.

Adjust the steering wheel height to face your chest, not your head.

To adjust steering wheel height:

1. Unlock steering by pulling the tilt lever toward you.
2. Move steering wheel to the desired position.
3. Release tilt lever to lock steering wheel in position.



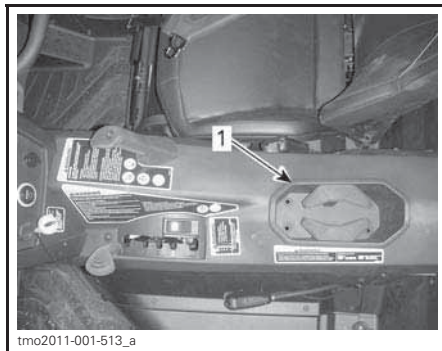
1. Tilt lever

⚠ WARNING

Never adjust the steering wheel height while riding. You may lose control.

2) Cup Holders

Two cup holders are located at the rear of the lower console.



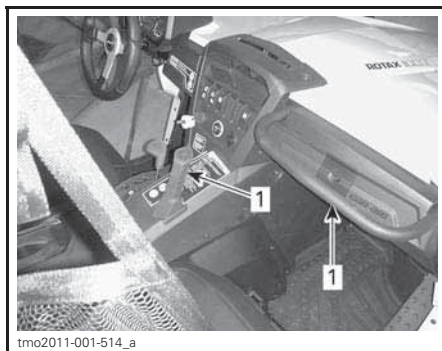
1. Cup holders

NOTE: Do not use cup holders while riding in rough conditions.

3) Passenger Handholds

The passenger has access to a front handhold located in front of seat above glove box.

A left hand handhold located in the center of the vehicle on the lower console is also accessible.



1. Passenger handhold

Holding the handholds helps the passenger brace against the movement of the vehicle and helps keep hands and body inside the cockpit in the event of a rollover.

⚠ WARNING

Never use any part of vehicle cage as handholds. Hands can be struck by objects outside the cockpit or crushed in a rollover.

4) Glove box

The vehicle is equipped with a closed glove box made to carry light objects.



1. Glove box latch

GLOVE BOX CAPACITY

MAXIMUM LOAD	5 kg (11 lb)
--------------	--------------

5) Tool Kit

A tool kit with basic tools is provided. It is located in the glove box.

6) Winch Remote Control

A remote control is provided to operate the winch. It is located in the glove box.

To use the remote control, connect the remote control to the 12 V outlet in the glove box. Refer to your *BASIC GUIDE TO WINCHING TECHNIQUES* manual included with your vehicle for proper winch operation.

7) Footrests

The vehicle is equipped with driver and passenger footrests to allow firmly planting feet on vehicle floor, which helps to maintain proper body position while riding.

The footrests help minimize the risk of leg or foot injury.

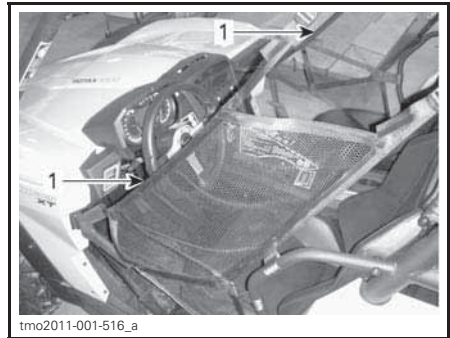
Always wear appropriate footwear. See *RIDING GEAR* subsection.

8) Side Nets

A side net is provided on each side of the cockpit to help arms, legs or shoulders stay inside the vehicle, thus reducing the risk of injuries. Side Nets may also keep brushes or debris out of cockpit.

WARNING

Never operate the vehicle unless both side nets are in place and buckled.



1. Side net

Side nets are adjustable and must be kept as tight as possible. To adjust side nets proceed as follows:

1. Secure side net with buckle
2. Pull on both adjustment straps to tighten



1. Adjustment straps

9) Shoulder Guards

The vehicle is equipped with shoulder guards to help restrain the entire body of driver and passenger inside vehicle.

10) Seat Belts

This vehicle is equipped with 3 points seat belts to help protect driver and passenger in the event of collisions, rollovers, and tipovers to help keep passengers in the cockpit.

⚠ WARNING

Wear seat belts properly at all times when riding. There is no indicator light or interlock for the passenger seat belt; the driver should ensure that the passenger buckles the seat belt before riding. Seat belts reduce the risk of injuries in a crash and help keep body parts inside the cockpit in a rollover.

Wear seat belts properly: Be sure the seat belt is not caught or twisted as you put it on. If you need to adjust the latch position, move the buckle up or down the belt. Put on the belt so it is close-fitting across the hips and chest. Do not wear the lap belt across the abdomen or stomach, and do not put the shoulder belt behind the back. Fasten the belt securely – be sure it clicks, and pull to make sure it is secure. To release the buckle, press the release button.

If driver's seat belt is not fastened when:

- The ignition is turn ON, the seat belt indicator lamp will flash.
- The engine is started and shift lever is moved out of PARK, vehicle speed will be limited to a maximum of approximately 10 km/h (6 MPH) on flat ground.

⚠ WARNING

The vehicle may reach higher or lower speed depending on inclines

To remind you to fasten the seat belt, the multifunction gauge will display the following message: ENGINE LIMITATION ENGAGED FASTEN SEAT BELT

11) Driver Seat

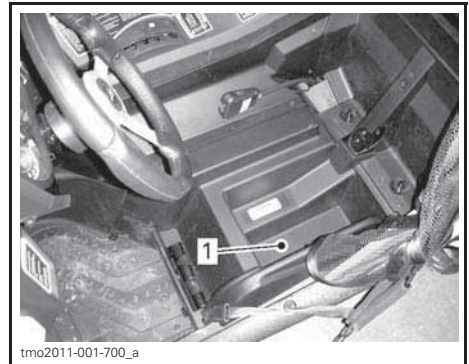
The driver's seat offers fore and aft adjustments.

To adjust seat, move the seat lever to unlock the seat. Release the lever to lock the seat into desired position.

⚠ WARNING

Never adjust the seat position while driving.

A convenient storage compartment is located under the driver's seat.



1. Storage compartment

The driver seat can be tilted forward for removal by releasing the latch located between the seat and the backrest. Once tilted forward the seat can be removed by pulling upwards.

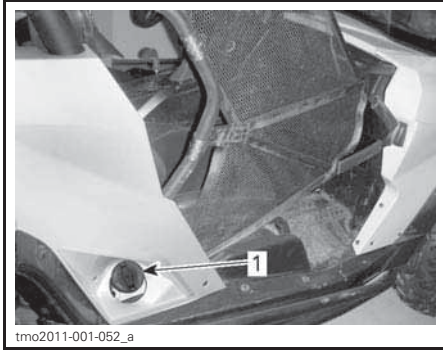
12) Passenger Seat

The passenger seat is not adjustable.

The passenger seat can be tilted forward for removal by releasing the latch located between the seat and the backrest. Once tilted forward the seat can be removed by pulling upwards.

13) Fuel Reservoir Cap

The fuel reservoir cap is located on the right hand side of the vehicle behind the passenger seat.



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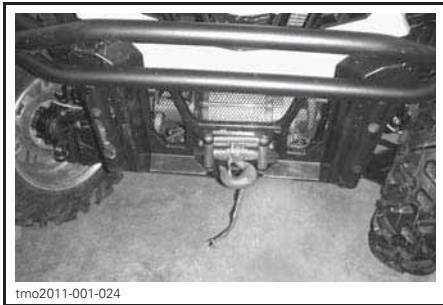
1. Fuel reservoir cap

Refer to *FUEL* subsection for information on fueling procedure and fuel requirements.

14) Winch

XT Model

The winch can be actuated inside the vehicle using the winch control switch on the upper console or with the included remote control.



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WINCH

Refer to your *BASIC GUIDE TO WINCHING TECHNIQUES* manual included with your vehicle for winch operation.

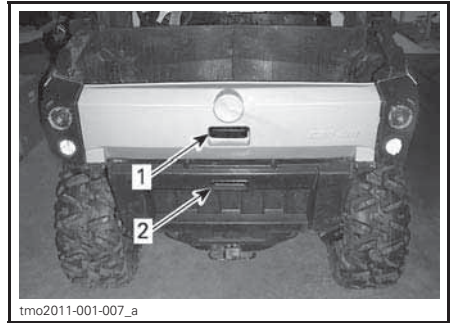
15) Cargo Box

The vehicle is equipped with a 2 level inclinable cargo box. The cargo box may be used for various types of cargo.

⚠ WARNING

To reduce the risk of loss of control or loss of load, use the cargo box only in accordance with *CARRYING LOADS* in the *SAFETY INFORMATION* section.

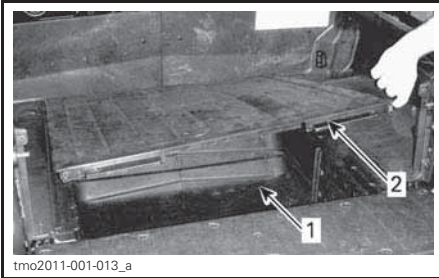
The cargo box is split into an upper and lower sections to provide more compartments for carrying separate loads.



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1. Cargo box upper section
2. Cargo box lower section

The floor separating both sections can be easily removed to make a single cargo area. Both the upper and lower tailgates must be opened to allow the floor separator to be removed.



1. Increased cargo volume
2. Floor / Separator

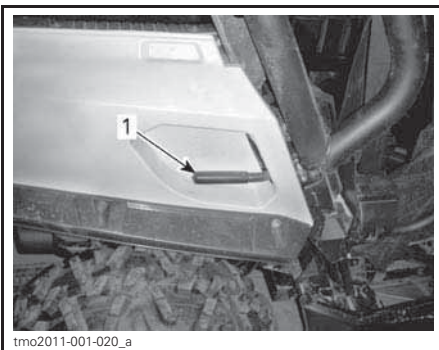


CARGO AREA WITHOUT FLOOR/SEPARATOR

The lower section can be further split into two subsections by inserting a plywood piece into the vertical slots.

16 Cargo Box Tilt Release Handles

The latching mechanism of the cargo box can be actuated from either side of the vehicle through a release handle.



1. Cargo box release handle

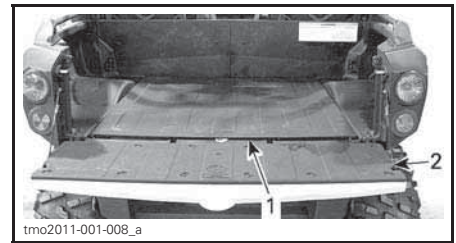
Refer to *CARRYING LOADS* in the *SAFETY INFORMATION* section.

17) Anchoring Hooks

To provide anchoring point in order to secure cargo inside the cargo box, 4 anchoring hooks are located inside the cargo area.

18) Upper Tailgate

The upper section of the cargo box can be closed with a tailgate.



CARGO BOX UPPER SECTION

1. Floor section separator
2. Upper tailgate

NOTICE Do not exceed 100 kg (220 lb) of weight on the upper tailgate during loading or unloading. Always close the upper tailgate before operating to reduce the risk of loss of load.

Upper Tailgate Removal

The upper tailgate can easily be removed by inclining and pulling out of hinges, then removing the retaining cables.



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1. Upper tailgate hinge

19) Lower Tailgate

The lower section of the cargo box has a lower tailgate.



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LOWER SECTION WITH LOWER TAILGATE

The upper tailgate must be closed in order to open or close the lower tailgate.



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1. Lower tailgate
2. Lower section

NOTICE Do not exceed 100 kg (220 lb) of weight on the lower tailgate during loading or unloading. Always close the lower tailgate before operating to reduce the risk of loss of load.

20) Hitch support

The vehicle comes equipped with a 51 mm x 51 mm (2 in x 2 in) box size standard hitch support.

For the proper usage of the hitch support, refer to *MOVING LOADS AND DOING WORK* in the *SAFETY INFORMATION* section.

⚠ WARNING

To reduce the risk of loss of control or loss of load, always respect the maximum hauling capacity.

SUSPENSION

Suspension Adjustments Guideline

Your vehicle handling and comfort depend upon suspension adjustments.

WARNING

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

Choice of suspension adjustments vary with vehicle load, personal preference, riding speed and terrain condition.

The best way to set up the suspension, is to start from factory settings, then customize each adjustment one at a time.

Front and rear adjustments are interrelated. It may be necessary to readjust the rear shock absorbers after adjusting front shock absorbers for instance.

Test run the vehicle under the same conditions; trail, speed, load, etc. Change one adjustment and retest. Proceed methodically until you are satisfied.

Following are guidelines to fine-tune suspension.

Suspension Factory Settings

For adjustment procedures, refer to *SPRING PRELOAD ADJUSTMENT (FRONT AND REAR)* and *SHOCK DAMPING ADJUSTMENTS (FRONT AND REAR)* in this section.

To adjust compression and rebound damping to factory settings, proceed as follows:

1. Turn adjuster clockwise until it stops.
2. Turn adjuster counter clockwise by the specified amount, see table below.

FRONT SUSPENSION FACTORY SETTINGS		
ADJUSTMENT	MODEL	FACTORY SETTING
Spring preload	Base	Cam position 1 (soft)
	XT	Cam position 1 (soft)
	X	Spring length 310 mm (12.2 in)
Compression damping (low speed)	X	12 clicks
Compression damping (high speed)	X	12 clicks
Rebound damping	X	12 clicks

REAR SUSPENSION FACTORY SETTINGS

ADJUSTMENT	MODEL	FACTORY SETTING
Spring preload	Base	Cam position 1 (soft)
	XT	Cam position 1 (soft)
	X	Spring length 362 mm (14.3 in)
Compression damping (low speed)	X	12 clicks
Compression damping (high speed)	X	12 clicks
Rebound damping	X	12 clicks

Spring Preload Adjustment (Front and Rear)

Shorten the spring for a firmer ride and rough riding condition or when pulling a trailer.

Lengthen the spring for a softer ride and smooth riding condition.

⚠ WARNING

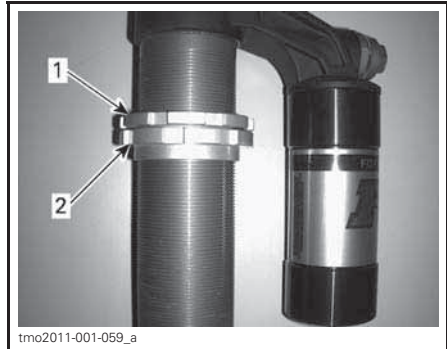
The left and right shock adjustment on front or rear suspension must always be set to the same position. Never adjust one shock only. Uneven adjustment can cause poor handling and loss of stability, which could lead to an accident.

Lift the vehicle. Spring length should be measured without load on the wheels.

Spring length should be equal on both sides.

T/A Gas Shock with Reservoir

Adjust by loosening lock ring and turning adjuster ring accordingly. Use tool from vehicle tool kit.

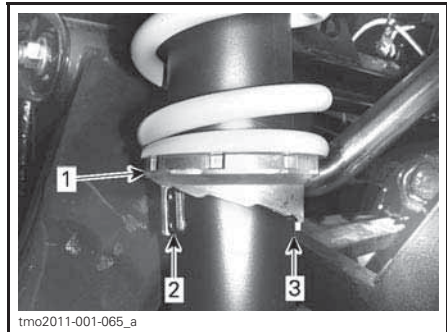


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TYPICAL - SPRING NOT SHOWN
 1. Loosen top lock ring
 2. Turn adjuster ring accordingly

Regular Gas Shock

Adjust by turning adjusting cam. Use tool from vehicle tool kit.



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TYPICAL
 1. Turn adjusting cams
 2. Smooth adjustment
 3. Hard adjustment

Shock Damping Adjustments (Front and Rear)

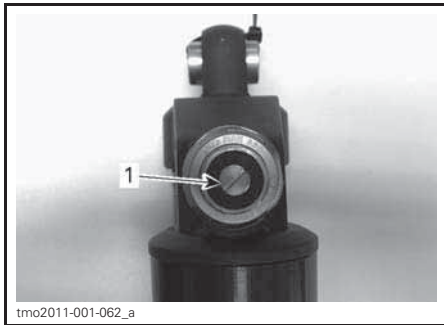
Perform adjustments **one** position (click) at a time. Test run the vehicle under the same conditions. Proceed methodically until you are satisfied.

Low Speed Compression Damping (T/A Gas Shock with Reservoir)

Low speed compression damping controls how the shock absorber reacts to a low suspension velocity (slow compression strokes, in most cases when riding at lower speeds).

ACTION	RESULT ON BIG BUMPS
Increasing low speed compression damping force	Firmer compression damping (slow compression)
Decreasing low speed compression damping force	Softer compression damping (slow compression)

Use a flat screwdriver to adjust it.



TYPICAL

1. Low speed compression adjuster (flat screwdriver)

Turning it clockwise (H) **increases** shock damping action (stiffer).

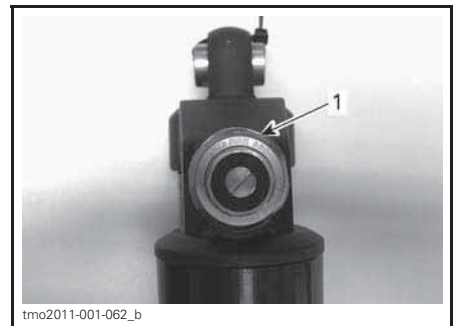
Turning it counterclockwise (S) **decreases** shock damping action (softer).

High Speed Compression Damping (T/A Gas Shock with Reservoir)

High speed compression damping controls how the shock absorber reacts to a high suspension velocity (quick compression strokes, in most cases when riding at higher speeds).

ACTION	RESULT ON SMALL BUMPS
Increasing high speed compression damping force	Firmer compression damping (fast compression)
Decreasing high speed compression damping force	Softer compression damping (fast compression)

Use a 17 mm wrench to adjust it.



TYPICAL

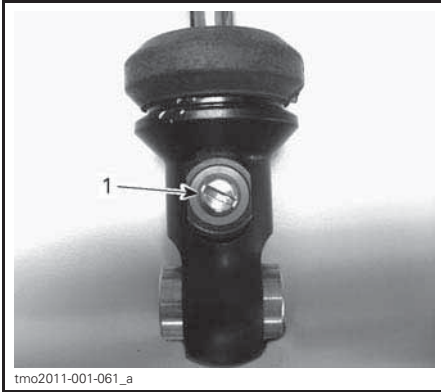
1. High speed compression adjuster (17 mm socket)

Turning it clockwise (H) **increases** shock damping action (harder).

Turning it counterclockwise (S) **decreases** shock damping action (softer).

Rebound Damping (All Gas Shock Models)

Use a flat screwdriver to adjust it.



1. Rebound adjuster

Turning it clockwise (H) **increases** shock damping action (harder).

Turning it counterclockwise (S) **decreases** shock damping action (softer).

FUEL

Recommended Fuel

Use regular unleaded gasoline, available from most service stations or oxygenated fuel containing a maximum total of 10% of ethanol or methanol.

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 components.

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.

⚠ WARNING

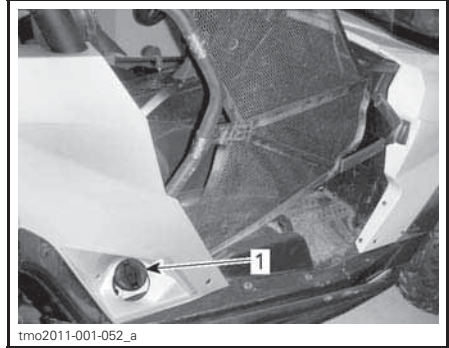
Always stop engine before refueling.

2. Have driver and passenger get out of vehicle.

⚠ WARNING

Do not allow anyone to remain in 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. Unscrew slowly the fuel reservoir cap counter-clockwise to remove it.



1. Fuel reservoir cap

⚠ 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.

4. Insert the spout into the filler neck.
5. Pour fuel slowly so that air can escape from the tank and prevent fuel flow back. Be careful not to spill fuel.
6. 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.

7. Fully tighten fuel reservoir cap clockwise.

⚠ WARNING

Always wipe off any fuel spillage from the vehicle.

Fueling a Gasoline Container

⚠ WARNING

- Use only an approved gasoline container to store fuel.
- Never fill the gasoline container in the vehicle cargo box or on-the vehicle - an electrical static discharge may ignite the fuel.

BREAK-IN PERIOD

Operation During Break-In

A break-in period of 10 operating hours or 300 km (200 mi) is required for the vehicle.

After the break-in period, the vehicle should be inspected by an authorized Can-Am dealer. Refer to *MAINTENANCE* section.

Engine

During the break-in period:

- Avoid full throttle operation.
- Avoid pressing accelerator pedal more than 3/4 of the stroke.
- Avoid sustained accelerations.
- Avoid prolonged cruising speeds.

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

Brakes

**WARNING**

New brakes will not operate at their maximum efficiency until their break-in is completed. Braking performance may be reduced, so use extra caution.

Belt

A new belt requires a break in period of 50 km (30 mi).

During the break-in period:

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

BASIC PROCEDURES

Starting the Engine

Position the shift lever in PARK or NEUTRAL position.

NOTE: If the shift lever is set either to R, H or L, the engine can also be started but the brake pedal must be applied.

Insert key in ignition switch and turn to one of the ON position.

Press the brake pedal.

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

NOTE: Do not press the accelerator pedal. If the accelerator pedal is pressed at least 20%, the engine will not start.

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 *TROUBLESHOOTING* section.

Shifting the Transmission

Apply brakes and 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.

Stopping the Engine and Parking the Vehicle

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.

WARNING

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.

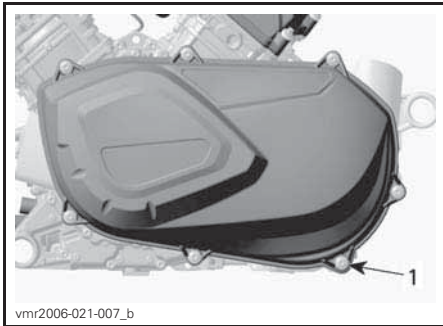
If you must park on a steep incline or if the vehicle is carrying cargo, block the wheels using rocks or bricks.

SPECIAL PROCEDURES

What to do if water is suspected to be in the CVT

If water is present in the CVT, the engine will accelerate but the vehicle will remain still.

NOTICE Stop the engine and drain the water to avoid damage to the CVT.



1. CVT cover drain screw

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

What to do if battery is drained out

The vehicle can be jump started by using the red (+) cable to the battery positive pole and the black (-) cable to the vehicle chassis.

NOTICE Do not connect any electrical source to the steering column.

What to do if Vehicle is Rolled Over

Abrupt maneuvers, sharp turns, side hilling or accident may cause vehicle to rollover.

Should the vehicle be rolled over, it will be necessary to have it transported to an authorized Can-Am dealer as soon as possible. **NEVER START THE ENGINE!**

What to do if Vehicle is Submerged

Should the vehicle become immersed, it will be necessary to have it transported to an authorized Can-Am dealer as soon as possible.

NOTICE Never start the engine as immersion of the vehicle can cause serious damage to the engine if the correct restart procedure is not followed.

TRANSPORTING THE VEHICLE

If your vehicle needs to be transported, it should be carried inside a full size pick-up box or on a flatbed trailer of the proper size and capacity.

NOTICE Do not tow this vehicle—towing can seriously damage the vehicle's drive system.

When contacting a towing or transporting service, be sure to ask if they have a flatbed trailer, loading ramp or power ramp to safely lift the vehicle and tie-down straps. Ensure the vehicle is properly transported as specified in this section.

NOTICE Avoid using chains to tie the vehicle — they may damage the surface finish or plastic components.

To load the vehicle on a platform for transport, proceed as follow:

1. Shift the vehicle into NEUTRAL (N).
2. If the vehicle is equipped with a winch, use the winch to roll the vehicle on the platform.
3. If the vehicle is not equipped with a winch, proceed as follows:
 - 3.1 Put a strap around the lower arm of each front suspension.
 - 3.2 Attach the straps to the winch cable of the towing vehicle.
 - 3.3 Pull the vehicle on the flatbed trailer with the winch.
4. Remove the key from the ignition switch.
5. Strap the front tires by using tire towing straps.
6. Pass a tie-down strap inside each rear wheel.
7. Firmly attach the rear wheels tie-down straps to both sides of the rear of the trailer with ratchets.
8. Ensure that both the front and rear wheels are firmly attached to the trailer.

LIFTING AND SUPPORTING THE VEHICLE

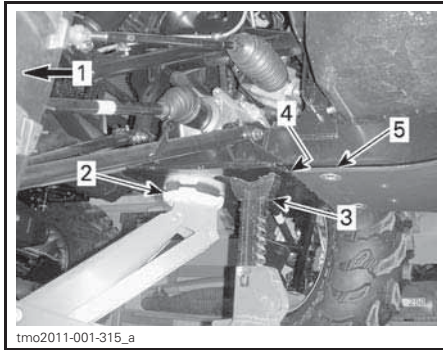
Front of Vehicle

Place vehicle on a flat non slippery ground.

Ensure vehicle shift lever is set to PARK.

Install an hydraulic jack under front skid plate.

Lift front of vehicle and install a jack stand on each side under frame section in front of the lip for center skid plate.



1. Front of vehicle
2. Hydraulic jack
3. Jack stand
4. Lip for center skid plate
5. Center skid plate

Lower hydraulic lift and ensure vehicle is supported safely onto both jack stands.

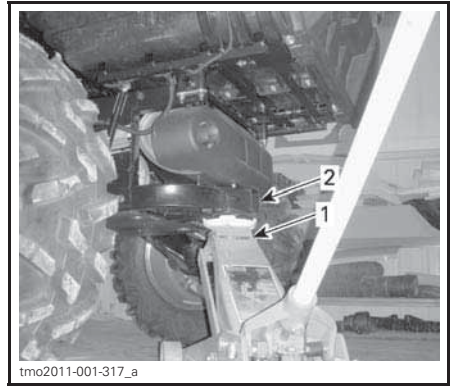
Rear of Vehicle

Place vehicle on a flat non slippery ground.

Activate 4WD mode.

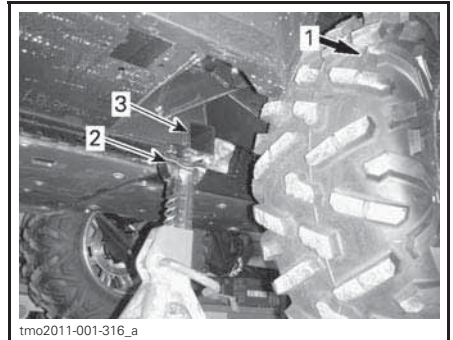
Ensure vehicle shift lever is set to PARK.

Install an hydraulic jack under the trailer hitch.



1. Hydraulic jack
2. Trailer hitch

Lift rear of vehicle and install a jack stand on each side under frame section in front of rear wheel.



1. Rear of vehicle
2. Jack stand
3. Frame section

Lower hydraulic lift and ensure vehicle is supported safely onto both jack stands.

MAINTENANCE

BREAK-IN INSPECTION

We suggest that after the first 10 hours or 300 km (200 mi) 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 CHART	Replace					
	Adjust					
	Tighten					
	Lubricate					
	Clean					
	Inspect					
ENGINE						
Engine oil and filter						X
Valve clearance	X				X	
Air Filter	X					
Engine seals	X					
Engine mounting fasteners	X					
Exhaust system	X					
COOLING SYSTEM						
Radiator/cooling system leak (leak test)	X					
FUEL SYSTEM						
Throttle body	X					
Fuel lines, fuel rails, connections, check valves and fuel tank leak test	X					
ELECTRICAL SYSTEM						
Spark plugs	X					
Battery connections	X					
CVT TRANSMISSION						
CVT air inlet/outlet	X					
CVT air filter	X					
GEARBOX						
Gearbox oil						X
Vehicle speed sensor		X				
DRIVE SYSTEM						
Front differential/rear final drive oil						X
Front differential/rear final drive (seals and vents)	X					
Front and rear propeller shaft joints	X		X			
WHEEL						
Wheel nuts/studs	X			X		
Wheel beadlock (X model)				X		

BREAK-IN INSPECTION CHART	Replace					
	Adjust					
	Tighten					
	Lubricate					
	Clean					
	Inspect					
STEERING SYSTEM						
Steering system (column, bearing, etc.)	X					
Front wheel alignment	X					
BRAKES						
Brake fluid	X					
OCCUPANT RESTRAINT SYSTEM						
Seat Belts	X					
Side Nets	X					
BODY/CHASSIS						
Cage fasteners	X					
Upper and lower tailgates latches	X					
Seats latch	X					

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 following message will appear in the cluster after the first 10 hours of operation, as well as at every 50 hours, to remind you of maintenance requirements: **MAINTENANCE SOON.**

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

WARNING

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

EVERY 750 KM (500 MI) OR 25 HOURS OF OPERATION (WHICHEVER COMES FIRST)

Clean the CVT air inlet/outlet

Clean the CVT air filter

Inspect the brake pads

Tighten the wheel lug nuts

Inspect the drive shaft boots and protectors

Inspect passenger grab handles condition

Inspect hitch condition

Inspect driver and passenger seat latch operation

Inspect tailgates latch operation

EVERY 1 500 KM (1,000 MI) OR 50 HOURS OF OPERATION (WHICHEVER COMES FIRST)

Replace the air filter

Verify battery condition

Inspect the front differential/rear final drive oil level

Inspect the drive shaft joints condition

Inspect the front/rear propeller shaft joint condition

Grease the front/rear propeller shaft joints

Inspect the tie rod ends

Inspect shock absorbers for any leaks

Lubricate shock absorber spherical bearings (X model)

Inspect front suspension arms

EVERY 3 000 KM (2,000 MI) OR 100 HOURS OF OPERATION OR 1 YEAR (WHICHEVER COMES FIRST)
Inspect seat belts (check for any damages and proper operation)
Inspect side nets (check for any damages and they must buckle properly)
Replace the engine oil and filter
Adjust the valve clearance
Inspect and clean the muffler spark arrester
Check engine coolant strength
Inspect throttle body
Clean the fuel pump pre-filter
Inspect the fuel pump pressure
Inspect the drive belt
Inspect, clean and lubricate the drive and driven pulleys (including the one-way bearing)
Inspect the gearbox oil level and condition
Inspect wheel bearings
Inspect the steering system (column, bearing, etc.)
Inspect and clean the brake system
Inspect frame for any damage
Replace rear final drive oil

EVERY 6 000 KM (4,000 MI) OR 200 HOURS OF OPERATION OR 2 YEARS (WHICHEVER COMES FIRST)
Replace the engine coolant
Verify the cooling system and perform a pressure test on pressure cap and cooling system
Verify the fuel system and perform a pressure test
Replace Spark plugs
Replace the front differential oil
Replace gearbox oil
Clean the 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.

Maintenance message can be removed by alternatively pressing the override switch and brake pedal 3 times at power up.

⚠ WARNING

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

⚠ 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

NOTICE Never modify the air intake system. Otherwise, engine performance degradation or damage can occur. The engine is calibrated to operate specifically with these components.

Air Filter Replacement Guideline

Air filter replacement should be adjusted according to riding conditions as it is critical to ensure proper engine performance and life span.

Air filter replacement frequency must be increased for the following dusty conditions:

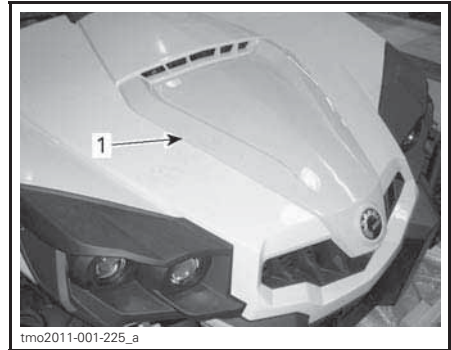
- Riding on dry sand

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

NOTE: Riding in a group in these conditions would increase even more the air filter replacement requirement.

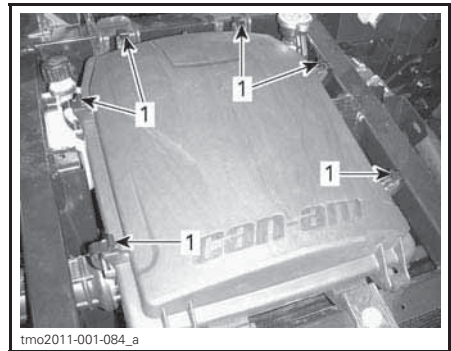
Air Filter Removal

Remove service cover.



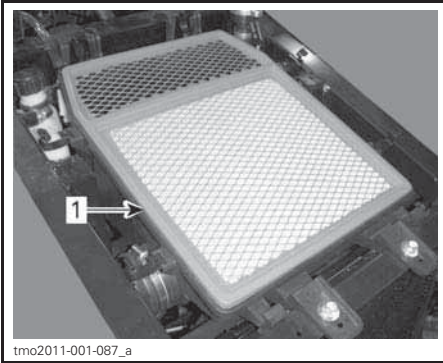
1. Service Cover

Release clamps and remove air filter housing cover.



1. Release clamps

Remove air filter.



1. Air filter

Replace air filter if clogged. Always use the recommended air filter or an equivalent.

Air Filter Installation

Inspect air filter housing for cleanliness.

NOTICE If any sands or other particles are found in air filter housing, clean it using a vacuum cleaner.

Install air filter.

Install air filter housing cover and latch all clamps.

Install service cover.

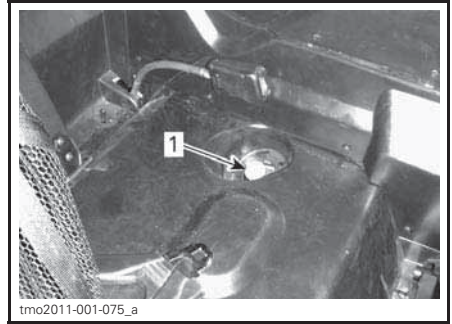
Engine Oil

Engine Oil Level Verification

NOTICE Operating the engine with an improper level may severely damage engine.

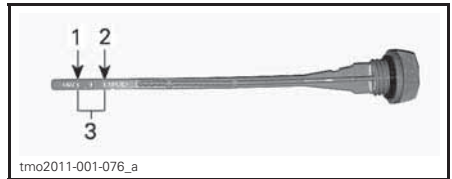
With vehicle on a level surface and engine cold, check the oil level as follows:

1. Remove passenger seat.
2. Unscrew dipstick then remove it and wipe clean.



1. Dipstick

3. Reinstall dipstick, screw in it completely.
4. Remove dipstick and check oil level. It should be near or equal to the upper mark.



TYPICAL

1. MIN
2. MAX
3. Operating range

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

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

Repeat the above procedures until oil level reaches the dipstick's upper mark.

NOTE: Do not overfill. Wipe off any spillage.

Properly tighten dipstick.

Install passenger seat.

Recommended Engine Oil

RECOMMENDED ENGINE OIL	
SEASON	TYPE
Summer	XPS SYNTHETIC BLEND OIL (SUMMER GRADE) (P/N 293 600 121)
Winter	XPS SYNTHETIC OIL (WINTER GRADE) (P/N 293 600 112)

NOTE: The XPS oil is specially formulated to meet the lubrication requirements of this engine. BRP strongly recommends the use of its XPS 4-stroke oil.

NOTICE Damages caused by the use of oil not suitable for this engine will not be covered by the BRP limited warranty.

If XPS engine oil is not available, use a 4-stroke SAE 5W 40 engine oil that meets or exceeds the requirements for API service classification SM, SL or SJ. Always check the API service label certification on the oil container it must contain at least one of the above standards. Refer to the viscosity chart for details.

Engine Oil Change

Warm up the engine.

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

Ensure vehicle is on a level surface.

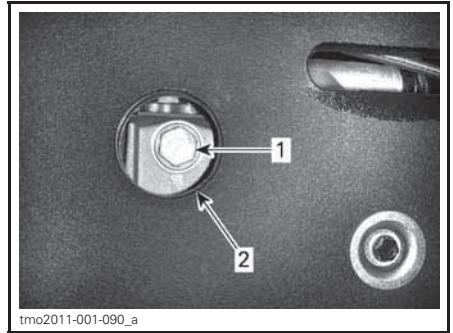
Remove passenger seat.

Remove dipstick.

Clean the oil drain plug area.

Place a drain pan under the oil drain plug area.

Unscrew oil drain plug.



1. Oil drain plug
2. Skid plate

Allow enough time for oil to flow out of engine.

Clean the drain plug.

Install the drain plug with a new gasket.

Wipe drain plug area on the engine.

Replace oil filter. Refer to *OIL FILTER* in this subsection.

Refill engine at the proper level with the recommended oil.

OIL CAPACITY	
OIL CHANGE WITH FILTER	2.2 L (2.3 qt (U.S. liq.))

Start engine and let idle for a few minutes. Ensure oil filter and oil drain plug are not leaking.

Stop engine.

Recheck oil level. Refill as required.

NOTE: Wait at least 30 seconds after engine is stopped to allow oil to flow back in the engine crankcase.

Install passenger seat.

Oil Filter

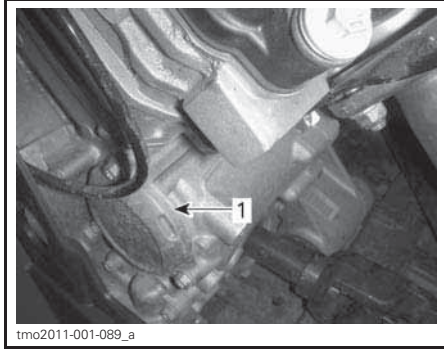
Oil Filter Access

Remove the passenger seat.

Remove the right hand side engine console panel.

Oil Filter Replacement

Unscrew the oil filter cover.



1. Oil filter cover

Remove the oil filter.

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

Add oil to the new oil filter O-ring.

Install the new oil filter.

Screw oil filter cover in place.

Wipe off any oil spillage on engine.

Radiator

Radiator Inspection and Cleaning

Periodically check the radiator area for cleanliness.



1. Radiator

Inspect radiator and hoses for leaks or any damage.

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

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. When hosing, use low pressure only. Never use a HIGH PRESSURE washer.

Engine Coolant

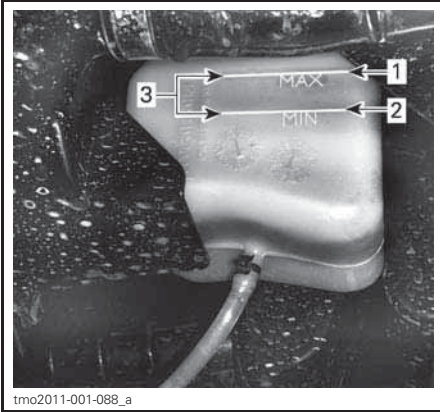
Engine Coolant Level Verification

⚠ WARNING
Check coolant level with engine cold.

Place vehicle on level surface.

Coolant level can be checked by looking at the side of the coolant reservoir under the RH front fender.

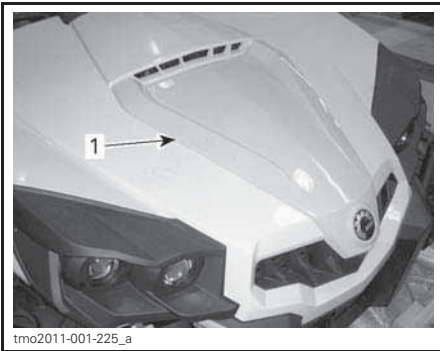
Coolant should be between MIN. and MAX. level marks of coolant reservoir when engine is cold.



COOLANT RESERVOIR

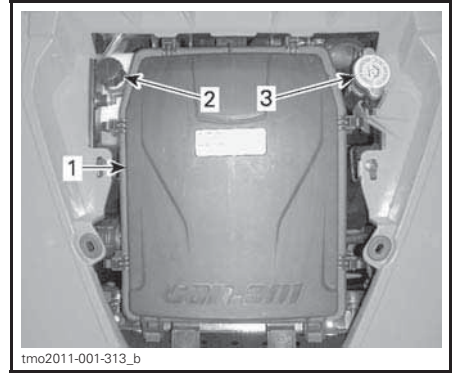
1. MAX level
2. MIN level
3. Operating range

Remove the service cover if coolant must be added.



1. Service Cover

Remove coolant reservoir cap.



1. Air filter housing cover
2. Coolant reservoir cap
3. Pressure cap

Add coolant at mid point between MIN and MAX. marks if required. Use a funnel to avoid spillage. **Do not overfill.**

If coolant reservoir was empty, check also the level in the radiator. Remove pressure cap. Add coolant if necessary.

Properly reinstall and tighten coolant reservoir cap and pressure cap.

Reinstall service cover.

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

Recommended Engine Coolant

COOLANT	
BRP Recommended Product	BRP PREMIXED COOLANT (P/N 219 700 362)
Alternative, of if not available	Distilled water and antifreeze solution (50% distilled water, 50% antifreeze)

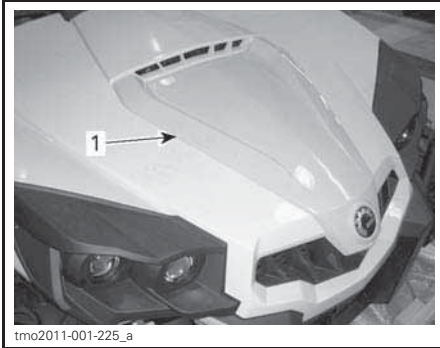
NOTICE Always use ethylene-glycol antifreeze containing corrosion inhibitors specifically for internal combustion aluminum engines.

Engine Coolant Replacement

⚠ WARNING

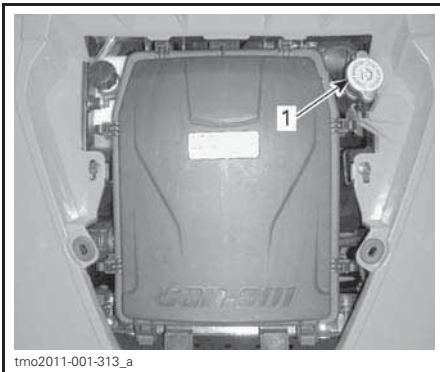
In order to avoid potential burns, do not remove the pressure cap or loosen the coolant drain plug if the engine is hot.

Remove the service cover.



1. Service Cover

Remove the pressure cap.

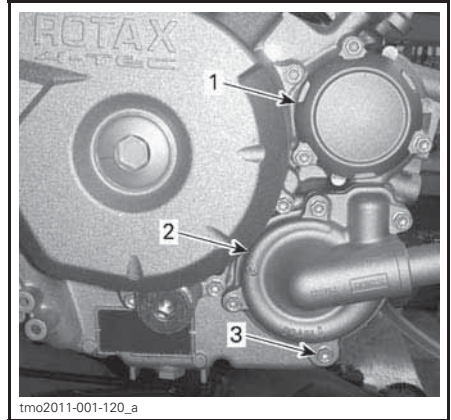


1. Pressure cap

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

NOTE: The drain plug is accessible from underneath the vehicle.

NOTE: Do not unscrew the coolant drain plug completely.

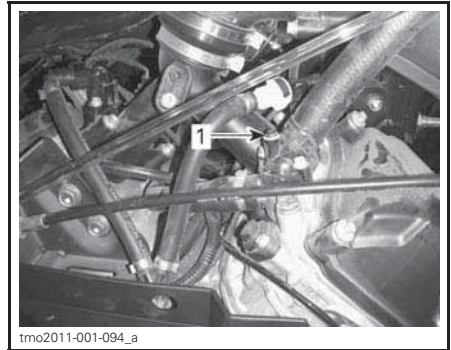


1. Oil filter cover
2. Water pump cover
3. Coolant drain plug

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

800R Models

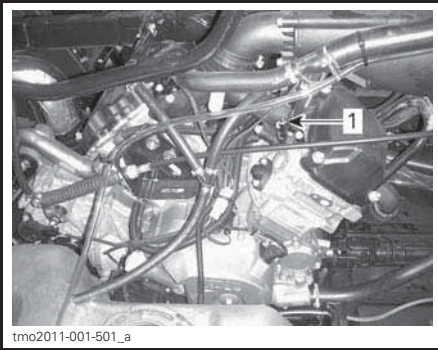
Unscrew the bleed screw on front cylinder.



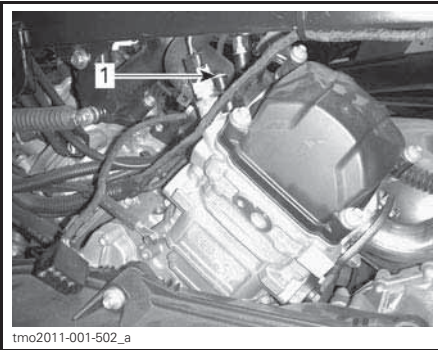
- TYPICAL**
1. Bleed screw

1000 Models

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



1. Front cylinder bleed screw



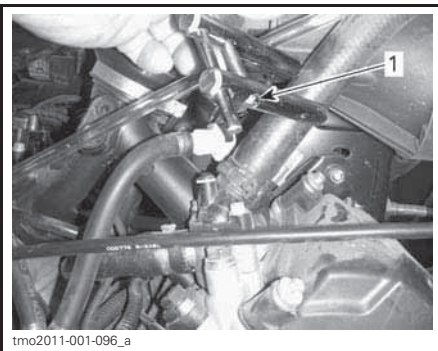
1. Rear cylinder bleed screw

All Models

Let the cooling system drain completely and reinstall the coolant drain plug.

Reinstall the radiator hose.

Siphon the coolant reservoir.



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Fill the radiator until the coolant comes out by the bleed screw(s).

Install the bleed screw(s).

Add coolant in the coolant reservoir.

Run engine at idle with the pressure cap off until it is fully warmed up. Slowly add coolant if necessary.

Stop the engine. Install pressure cap.

Let engine cool down.

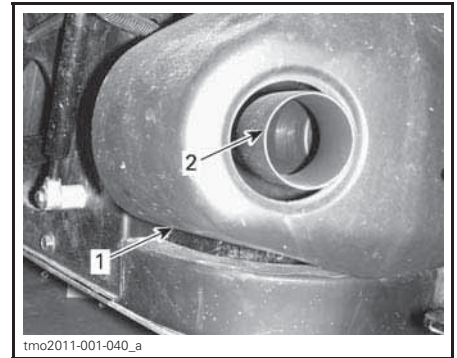
Check coolant level in the reservoir. Add coolant if necessary.

Muffler Spark Arrester

Muffler Spark Arrester Cleaning and Inspection

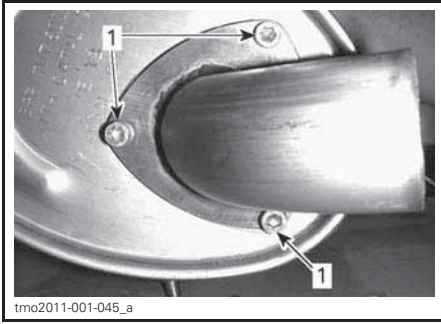
⚠ CAUTION Never perform this operation immediately after the engine has been running as exhaust system is very hot.

Remove the muffler cover.



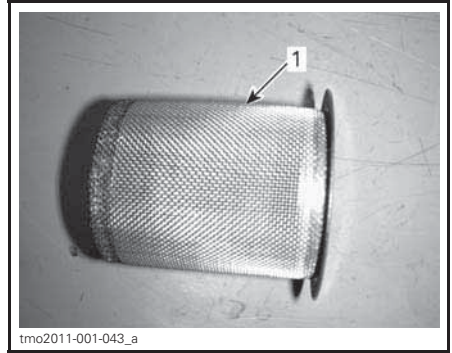
1. Muffler cover
2. Exhaust tail pipe

Remove and discard the tail pipe retaining screws.



1. Retaining screws

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

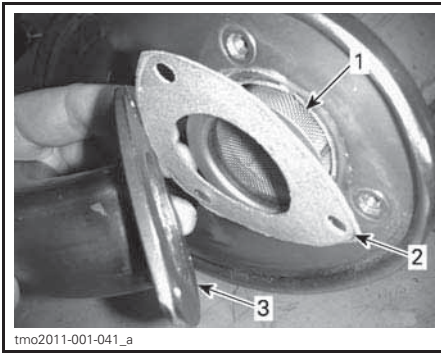


1. Clean spark arrester

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

For installation, reverse the removal procedure. However pay attention to the following.

Install new gasket and retaining screws. Torque to $11 \text{ N}\cdot\text{m} \pm 1 \text{ N}\cdot\text{m}$ ($97 \text{ lbf}\cdot\text{in} \pm 9 \text{ lbf}\cdot\text{in}$).



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.

CVT Air Filter

CVT Air Filter Removal

1. Locate the CVT air filter plastic cover on LH side of vehicle.



1. CVT Air Filter Plastic Cover

2. Slide the cover rearward .

3. Remove CVT air filter from by pulling it out of retaining tabs.



1. CVT Air Filter

CVT Air Filter Cleaning

1. Remove CVT air filter.



1. CVT Air Filter

2. Use a solution of soft soap and water.
3. Gently clean and rinse filter.
4. Let filter dry completely.
5. Clean the CVT air inlet.
6. Install the CVT air filter.

CVT Air Filter Installation

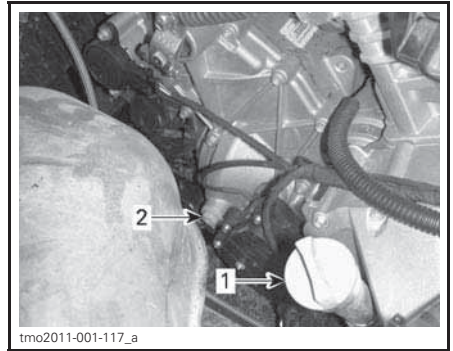
1. Install air filter on CVT inlet using retaining tabs.
2. Install CVT air filter cover by sliding in place toward front of vehicle.

Gearbox Oil

Gearbox Oil Level Verification

Place the vehicle on a level surface. Select PARK position.

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



1. Engine oil dipstick
2. Gearbox oil level plug

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

NOTICE Operating the gearbox with an improper oil level may severely damage gearbox.

Recommended Gearbox Oil

RECOMMENDED GEARBOX OIL
XPS synthetic gear oil (P/N 293 600 140)

NOTE: The XPS oil is specially formulated to meet the lubrication requirements of this gearbox. BRP strongly recommends the use of its XPS oil. However, if the XPS synthetic gear oil is not available, use the following lubricant:

GEARBOX OIL REQUIREMENT
75W 140 API GL-5 synthetic gear oil

NOTICE Do not use another type of oil when servicing.

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.

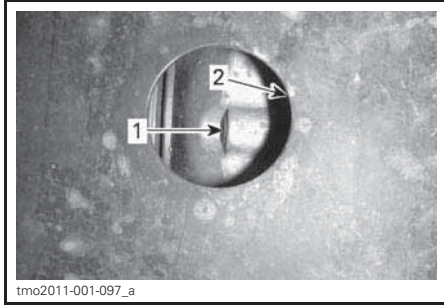
Clean drain plug area.

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.



1. Oil drain plug
2. Skid plate opening

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.

Spark Plugs

Access to Spark Plugs

1. Remove both seats.
2. Remove upper console retaining screws and plastic rivets.
3. Slightly lift upper console to allow removal of lower console.
4. Remove lower console plastic rivets.

5. Pull lower console out of location.

Spark Plug Removal

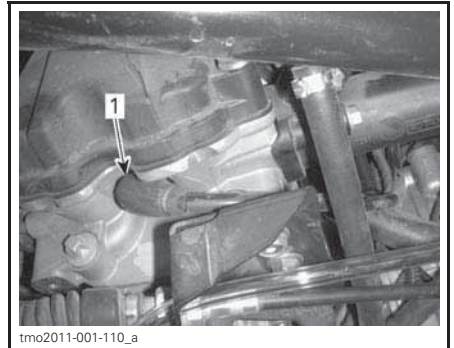
Unplug spark plug cable.

NOTE: Spark plug removal procedure is the same for both cylinders.

Clean spark plug and cylinder head with pressurized air.

! CAUTION Always wear safety goggles when using pressurized air.

Unscrew spark plug completely then remove it.



RH SIDE — REAR CYLINDER

1. Spark plug



LH SIDE — FRONT CYLINDER

1. Spark plug

Spark Plug Installation

Prior to installation make sure that contact surface of cylinder head and spark plug is free of grime.

Using a feeler gauge, set the spark plug gap.

SPARK PLUG GAP
0.7 mm - 0.8 mm (.028 in - .031 in)

Apply a copper-based anti-seize lubricant over spark plug threads.

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

SPARK PLUG TORQUE
20N•m ± 2.4N•m (15 lbf•ft ± 2 lbf•ft)

Battery

Battery Maintenance

NOTICE 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.

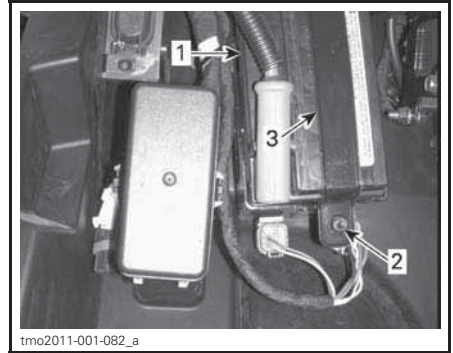
NOTICE Never remove the battery sealing cap.

Battery Removal

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

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

Remove battery holder retaining screw.



- tmo2011-001-082_a
1. Battery
 2. Battery holder retaining screw
 3. Battery holder

Remove battery holder.

Remove battery.

Battery Cleaning

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

Remove corrosion from battery cable terminals and battery posts using a firm wire brush. Battery casing should be cleaned by soft brush and baking soda solution.

Battery Installation

Battery installation is the reverse of the removal procedure.

NOTICE Improper orientation of the battery cables (reverse polarity) will result in damage to the voltage regulator.

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

Fuses

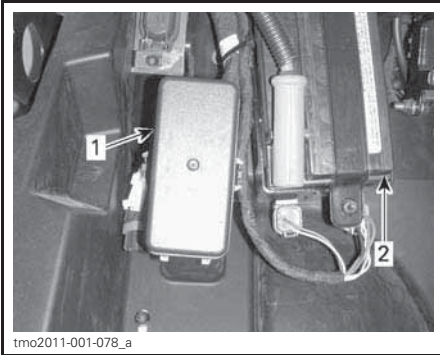
Fuse Replacement

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

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

Fuse Box Location

The vehicle is equipped with two fuse boxes. They are both located under the console on the driver's side next to the battery.



1. Fuse box (small fuse box not shown)
2. Battery

FUSE BOX		
NO	DESCRIPTION	RATING
F1	Main	30 A
F2	Accessories (main)	40 A
F4	Speedo/tail lamp	10 A
F5	Ignition/injection/speed sensor	7.5 A
F6	Engine control module (ECM)	5 A
F7	4WD Actuator (winch if equipped)	5 A
F8	Key switch / starter solenoid/clock	30 A
F9	Fan	30 A
F10	European component	5 A
F11	Head lamp	30 A
F12	DC Outlet	15 A

FUSE BOX		
NO	DESCRIPTION	RATING
F13	Relay driver	5 A
F14	Accessories	15 A
F15	Fuel pump	5 A

NOTE: Fuses are identified inside fuse box cover.

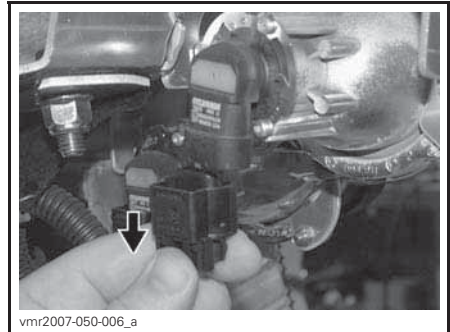
Lights

Always check light operation after replacement.

Headlight Bulb Replacement

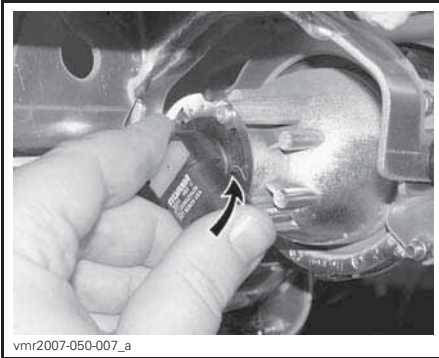
NOTICE Never touch glass portion of a halogen bulb with bare fingers, it shortens its operating life. If glass is touched, clean it with isopropyl alcohol which will not leave a film on the bulb.

Unplug connector from bulb.



TYPICAL

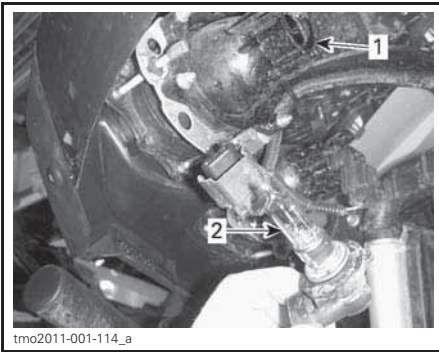
Rotate bulb.



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TYPICAL

Pull out bulb.



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1. Light bulb socket
2. Light bulb

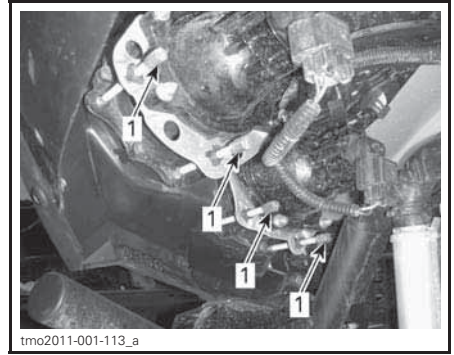
Properly reinstall removed parts in the reverse order of their removal.

Validate headlights operation.

Headlight Beam Aiming

Turn adjustment screws to adjust beam height to your convenience.

NOTE: Adjust headlights evenly.



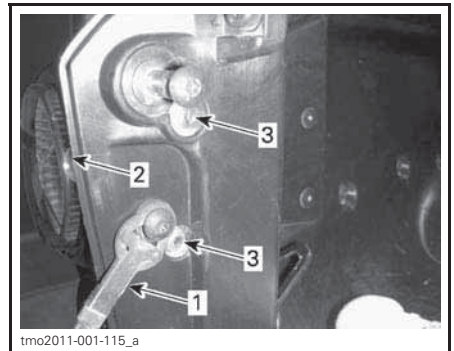
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1. Adjustment screws

Taillight Bulbs Replacement

Open upper tailgate.

Remove both taillight retaining screws.

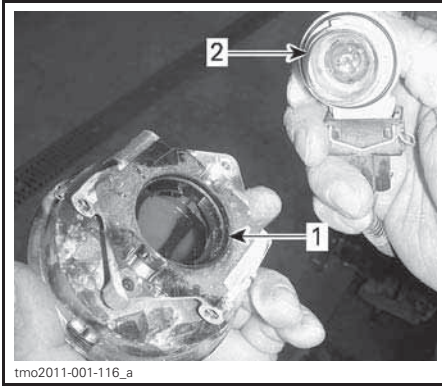


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1. Tailgate cable
2. Tail light
3. Retaining screws

Pull tail light out of its location.

Remove bulb socket from taillight.



1. Tail light
2. Light bulb and socket

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

Installation is the reverse of the removal procedure.

Drive Shaft Boot and Protector

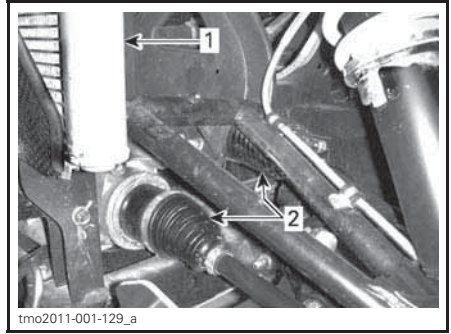
Drive Shaft Boot and Protector Inspection

Visually inspect drive shaft protectors and boots conditions.

Check protectors for damage or rubbing against shafts.

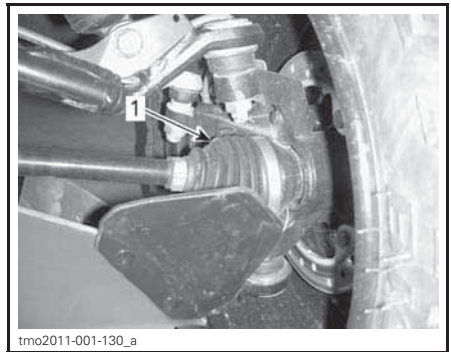
Check boots for cracks, tears, leaking grease, etc.

Repair or replace damaged parts as necessary.



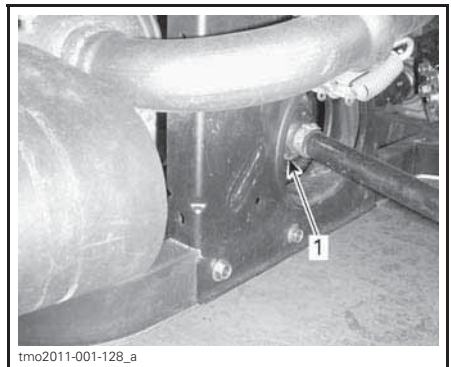
FRONT OF VEHICLE

1. Radiator
2. Inner drive shaft boots



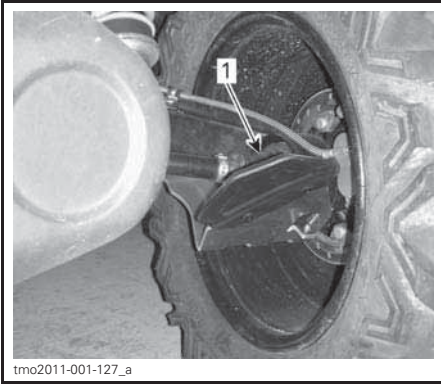
FRONT OF VEHICLE

1. Outer drive shaft boot



REAR OF VEHICLE

1. Inner drive shaft boot



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REAR OF VEHICLE

1. Outer drive shaft boot

Wheel Bearing

Wheel Bearing Inspection

Lift and support vehicle. Refer to *LIFTING AND SUPPORTING THE VEHICLE* in *VEHICLE INFORMATION SECTION*.

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

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



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Wheels and Tires

Wheel Removal

Loosen nuts then lift and support vehicle. Refer to *LIFTING AND SUPPORTING VEHICLE* in *VEHICLE INFORMATION*.

Remove nuts then remove wheel.

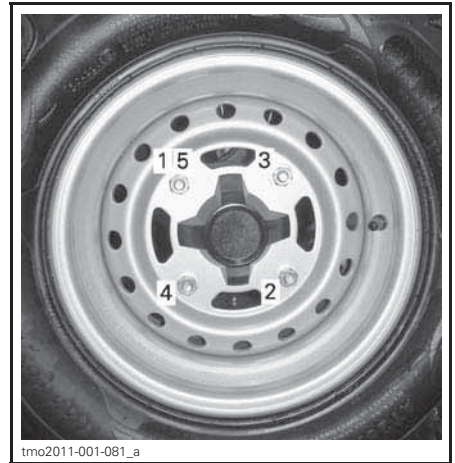
Wheel Installation

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

The tires are unidirectional and their rotation must be kept in a specific direction for proper operation.

Torque wheel nuts in accordance with the following illustration.

WHEEL LUG NUTS	
Torque	100 N•m ± 10 N•m (74 lbf•ft ± 7 lbf•ft)



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TIGHTENING SEQUENCE

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

Tire Pressure

⚠ WARNING

Tire pressure greatly affects vehicle handling and stability. Under pressure may cause tire to deflate and rotate on wheel. Overpressure may burst the tire. Always follow recommended pressure.

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
MIN.	69 kPa (10 PSI)	83 kPa (12 PSI)
MAX. (Use when total load is greater than 180 kg (400 lb)).	83 kPa (12 PSI)	152 kPa (22 PSI)

NOTE: 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.

⚠ WARNING

Do not rotate tires. The front and rear tires have a different size. The left and right tires have different unidirectional tread patterns.

Tire Replacement

⚠ WARNING

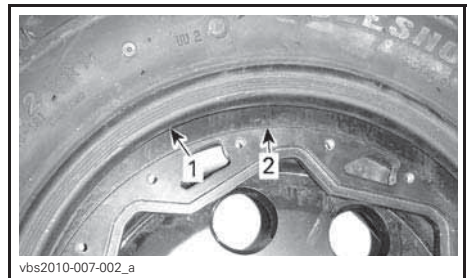
- Replace tires only with the same type and size as original tires.
- For unidirectional tread pattern, ensure that the tires are installed in the correct direction of rotation.

Tire Mounting on Beadlock Wheels

X Models

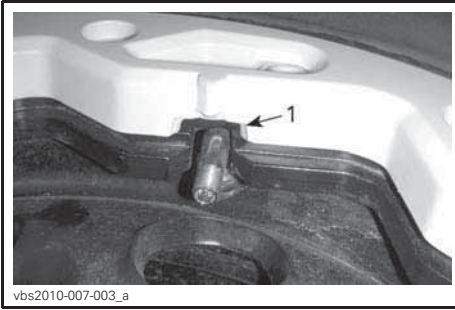
NOTE: Tires should be mounted, by an experienced person, in accordance to good tire mounting practices using acceptable tire mounting equipment designed for the tire industry.

1. Mount the tire on wheel.
 - 1.1 Mount the inner bead over the wheel like normal.
- NOTICE** Mount tire from beadlock side only.
- 1.2 On the opposite side of beadlock, apply the tire mounting lube on inner bead of tire and wheel to ensure proper seat when inflating.
 - 1.3 Seat the tire outer bead in the shoulder of the beadlock inner ring and center the tire.



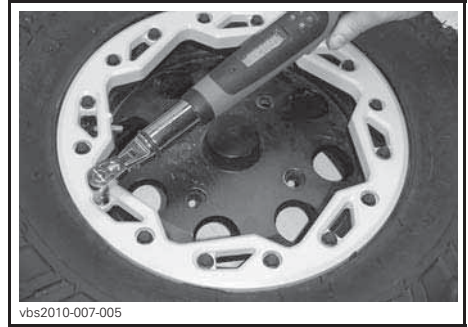
1. Tire outer bead
2. Beadlock inner ring shoulder

2. Place the beadlock clamp ring on the tire. Align the valve opening with valve.



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1. *Clamp ring valve opening*



vbs2010-007-005

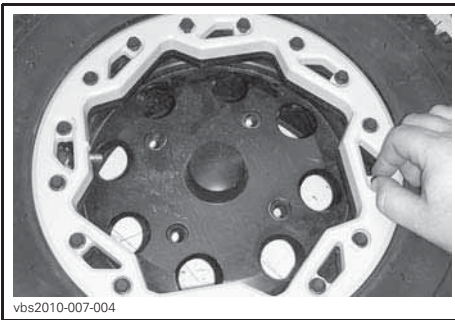
6. At this time check if the tire is still centered on wheel. Reposition it if necessary.
7. Retighten all screws to 6 N•m (53 lbf•in) to complete the torquing procedure.
8. The beadlock clamp ring should be pulled down to meet the beadlock inner ring.

NOTE: The beadlock clamp ring can flex slightly to match the tire's bead. IT IS NORMAL.

9. Verify the gap between tire and beadlock clamp ring, it should be practically equal all around the ring.

3. Lubricate all beadlock screws with LOCTITE 767 (ANTISEIZE LUBRICANT) (P/N 293 800 070) or an equivalent product to prevent screws sticking.
4. Install all beadlock screws. To avoid cross threading, start all screws by hand.

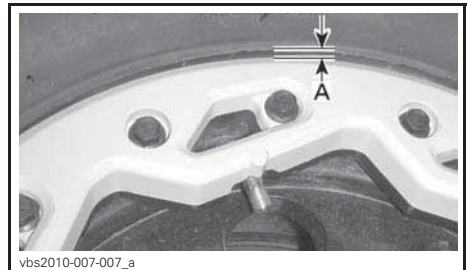
NOTICE Do not use an impact wrench for installing beadlock screws. The risk of screw breaking or screw stripping is high when using an impact wrench.



vbs2010-007-004

5. Using a torque wrench, tighten beadlock screws at first to 3 N•m (27 lbf•in) in a criss-cross sequence.

NOTE: To ensure even pressure on the beadlock clamp ring, tighten screws a few turns at a time.



vbs2010-007-007_a

A. *Gap equal all around beadlock clamp ring*

- If the gap is not acceptable,
- Loosen all screws.
 - Check tire position on wheel and reposition it if necessary.
 - Restart the torquing sequence (step 5).
10. Inflate tire to seat the inner bead on wheel. Always use safe practices, such as a tire safety cage.

⚠ WARNING

Never exceed tire's recommended maximum pressure for seating beads.

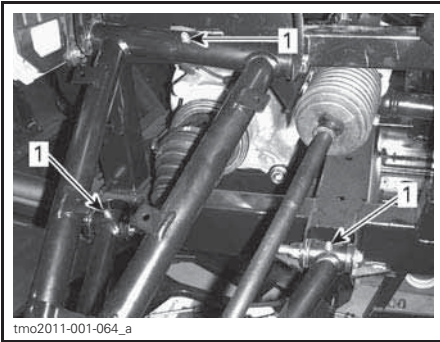
Suspensions

Front Suspension Lubrication

Use SUSPENSION GREASE (P/N 293 550 033) or an equivalent.

Lubricate front A-arms.

There are three grease fittings on each A-arm oriented downwards.



FRONT SUSPENSION - TYPICAL

1. Grease fittings

Suspension Inspection

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

Shock Absorbers

Inspect shock absorber for leaks, bump stop wear out or other damages. Verify fasteners are still well tightened.

Front A-Arms

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

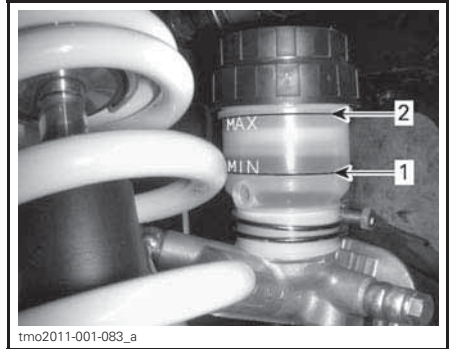
Rear Trailing Arms

Check trailing arms for distortion, cracks or bending.

Brakes

Brake Fluid Reservoir Level Verification

With vehicle on a level surface, check brake fluid in reservoir for proper level. Brake fluid level should be between MIN. and MAX. marks.



TYPICAL

- 1. MIN
- 2. MAX

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

Adding Brake Fluid

Clean filler cap before removing.

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

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

Recommended Brake Fluid

Always use brake fluid meeting the specification DOT 4 only.

⚠ WARNING

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.

VEHICLE CARE

Post-Operation Care

When vehicle is used in salt-water environment rinsing the vehicle with fresh water is necessary to preserve vehicle and its components. Metallic parts lubrication is highly recommended. Use 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.

Vehicle Cleaning and Protection

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

Pay attention to certain areas where mud or debris can accumulate and potentially cause wear, interferences or promote corrosion. The list includes but is not limited to:

- Around exhaust system and between muffler and muffler cover
- Under and around the fuel tank
- Radiator
- Shock absorbers
- Around front and rear differentials
- Around and underneath engine and gearbox
- Inside wheels
- On top of skid plates.

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.

TECHNICAL INFORMATION

VEHICLE IDENTIFICATION

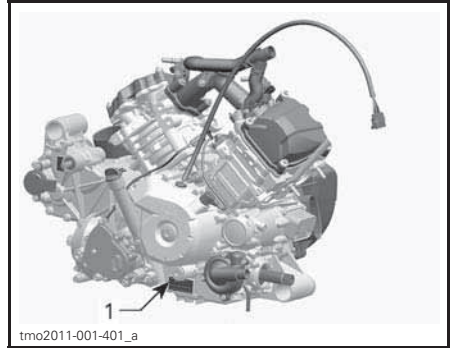
The main components of your vehicle (engine and frame) are identified by different serial numbers. It may sometimes become necessary to locate these numbers for warranty purposes or to trace your vehicle in the event of loss. These numbers are required by the authorized Can-Am dealer to complete warranty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

Vehicle Identification Number



TYPICAL — VEHICLE SERIAL NUMBER LABEL UNDER GLOVE BOX

Engine Identification Number



TYPICAL — ENGINE SERIAL NUMBER LABEL

1. EIN (Engine Identification Number)

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:

1. 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:

1. 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.

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

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

SPECIFICATIONS

MODEL		800R	1000
ENGINE			
Engine type		ROTAX® 810	ROTAX® 1010
		4-stroke, Single Over Head Camshaft (SOHC), liquid cooled	
Number of cylinders		2	
Number of valves		8 valves (mechanical adjustment)	
Bore		91 mm (3.58 in)	91 mm (3.58 in)
Stroke		61.5 mm (2.42 in)	75 mm (2.95 in)
Displacement		799.9 cm ³ (48.81 in ³)	976 cm ³ (59.56 in ³)
Exhaust system		Spark arrestor approved by USDA Forest Service	
Air filter		Synthetic paper filter	
LUBRICATION SYSTEM			
Type		Wet sump. Replaceable oil filter	
Oil filter		BRP Rotax® paper type, replaceable	
Engine oil	Capacity (oil change with filter)	2.2 L (2.3 qt (U.S. liq.))	
	Recommended	<p>For the summer season, use XPS SYNTHETIC BLEND OIL (SUMMER GRADE) (P/N 293 600 121).</p> <p>For the winter season, use XPS SYNTHETIC OIL (WINTER GRADE) (P/N 293 600 112).</p> <p>If not not available, use a 5W 40 motor oil that meets the requirements for API service classification SM, SL or SJ</p>	
COOLING SYSTEM			
Coolant	Type	Ethyl glycol/water mix (50% coolant, 50% water). Use premixed coolant sold by BRP (P/N 219 700 362) or coolant specifically designed for aluminum engines	
	Capacity	3.85 L (1.02 U.S. gal.)	4.25 L (1.12 U.S. gal.)
CVT TRANSMISSION			
Type		CVT (Continuously Variable Transmission)	
Engagement RPM		1800 RPM	
GEARBOX			
Type		Dual range (HI-LO) with PARK, neutral and reverse	
Gearbox oil	Capacity	450 ml (15 U.S. oz)	
	Recommended	XPS synthetic gear oil(P/N 293 600 140) or a 75W 140 API GL-5	

SPECIFICATIONS

MODEL		800R	1000
ELECTRICAL SYSTEM			
Magneto generator output		650 W	
Ignition system type		IDI (Inductive Discharge Ignition)	
Ignition timing		Not adjustable	
Spark plug	Quantity	2	
	Make and type	NGK DCPR8E	
	Gap	0.7 mm to 0.8 mm (.028 in to .031 in)	
Engine RPM limiter setting		8000 RPM	
Battery	Type	Dry battery type	
	Voltage	12 volts	
	Nominal rating	18 A•h	
	Power starter output	0.7 KW	
Headlights		4 x 60 W	
Taillight		2 X 8/26 W	
Fuses	Ignition coils	5 A	
	Fan	20 A	
	Fuel injectors	5 A	
	Speedometer/speed sensor/taillight	7.5 A	
	Fuel pump	7.5 A	
	Engine control module (ECM)	5 A	
	Accessories	20 A	
FUEL SYSTEM			
Fuel delivery	Type	Electronic fuel injection (EFI) with iTC	
Throttle Body	800R	46 mm with ETA	
	1000	54 mm with ETA	
Fuel pump	Type	Electric (in fuel tank)	
Idle speed		1250 ± 100 RPM (not adjustable)	
Fuel	Type	Regular unleaded gasoline	
	Minimum octane	Inside North America	87 (R+M)/2 or higher
		Outside North America	92 RON or higher
Fuel tank capacity		37.8 L (10 U.S. gal.)	
Fuel remaining when low fuel light turns ON		± 12 L (3.2 U.S. gal.)	

MODEL			800R	1000
DRIVE SYSTEM				
Drive system type			Selectable 2WD/4WD	
Front Differential oil/rear final drive oil	Capacity	Front	500 ml (17 U.S. oz)	
		Rear	350 ml (11.8 U.S. oz)	
	Type	Front	XPS Synthetic gear oil (75W 90 API GL-5) (P/N 293 600 043) or synthetic oil 75W 90 API GL5	
		Rear	XPS Synthetic gear oil (P/N 293 600 140) or a 75W 140 API GL-5 synthetic gear oil	
Front drive			Visco-lokt front differential	
Front drive ratio			3.6:1	
Rear drive			Shaft driven/single differential	
Rear drive ratio			3.6:1	
CV joint grease			CV joint grease (P/N 293 550 019)	
STEERING				
Steering wheel			Adjustable tilt steering	
Turning radius			240 cm (94.5 in)	
Total toe (vehicle on ground)			0° ± 0.2° (±)	
Camber angle (vehicle on ground)			0.7° positive	
FRONT SUSPENSION				
Suspension type			Double suspension-arm with dive-control geometry	
Suspension travel			254 mm (10 in)	
Shock absorber	Qty		2	
	Type	Standard	Oil 5 settings	
		X	HPG Clicker	
		XT	Oil 5 settings	
REAR SUSPENSION				
Suspension type			Torsional Trailing arm Independant (TTI) with external sway bar	
Suspension travel			254 mm (10 in)	
Shock absorber	Qty		2	
	Type	Standard	Oil 5 settings	
		X	HPG Clicker	
		XT	Oil 5 settings	

SPECIFICATIONS

MODEL		800R	1000
BRAKES			
Front brake	Type	Dual 214mm ventilated disc brakes with hydraulic twin-piston calipers	
Rear brake	Type	Single 214mm ventilated disc brake with hydraulic twin-piston caliper	
Brake fluid	Capacity	125 ml (4.2 U.S. oz)	
	Type	DOT 4	
Caliper		Floating	
Brake pad material	Front	Metallic	
	Rear	Metallic	
Minimum brake pad thickness		1 mm (.039 in)	
Minimum brake disc thickness	Front	4.1 mm (.161 in)	
	Rear	4.1 mm (.161 in)	
Maximum brake disc warpage		0.2 mm (.001 ft)	
TIRES			
Pressure	Front	Maximum: 83 kPa (12 PSI) Minimum: 69 kPa (10 PSI)	
	Rear	Maximum: 152 kPa (22 PSI) Minimum: 83 kPa (12 PSI)	
Minimum tire thread depth		3 mm (.118 in)	
Tire size	Front	Standard	27 x 9 x 12 (in)
		X	27 X 9 X 12 (in)
		XT	27 X 9 X 14 (in)
	Rear	Standard	27 x 11 x 12 (in)
		X	27 X 11 X 12 (in)
		XT	27 X 11 X 14 (in)

MODEL			800R	1000
WHEELS				
Type		Standard	Steel	
		X	Aluminum beadlock wheels	
		XT	Cast Aluminum	
Rim size	Front	Standard	12 X 6 (in)	
		X	12 X 6 (in)	
		XT	14 X 7 (in)	
	Rear	Standard	12 X 8 (in)	
		X	12 X 7.5 (in)	
		XT	14 X 8.5 (in)	
Wheel nuts torque			100 N•m ± 10 N•m (74 lbf•ft ± 7 lbf•ft)	
CHASSIS				
Cage type			50 mm (2 in) diameter, high strength steel, ROPS-approved cage	
DIMENSIONS				
Overall length			300.4 cm (118.3 in)	
Overall width			148.9 cm (58.6 in)	
Overall height			182.9 cm (72 in)	
Wheelbase			192.4 cm (75.7 in)	
Wheel track	Front	125.7 cm (49.5 in)		
	Rear	121.9 cm (48 in)		
Ground clearance			27.9 cm (11 in)	
LOADING CAPACITY AND WEIGHT				
Dry weight			584 kg (1,287 lb)	587 kg (1,295 lb)
Weight distribution (front/rear)			44 / 56	
Cargo box capacity	Total		272 kg (600 lb)	
	Upper		181 kg (400 lb)	
	Lower		272 kg (600 lb)	
Total vehicle load allowed (including driver, passenger, all other loads and added accessories)			363 kg (800 lb)	
Gross vehicle weight rating			990 kg (2,183 lb)	
Towing capacity	Hitch support	50.8 mm (2 in) X 50.8 mm (2 in)	680 kg (1,500 lb)	
	Hitch support	38.1 mm (1.5 in) X 38.1 mm (1.5 in)	400 kg (880 lb)	

TROUBLESHOOTING

TROUBLESHOOTING GUIDELINES

CVT BELT IS SLIPPING

1. Water has entered in the CVT.
 - Refer to *SPECIAL PROCEDURES* subsection.

E IS DISPLAYED ON TRANSMISSION POSITION DISPLAY

1. Shift lever is between 2 positions.
 - Properly position the shift lever in the desired position.
2. Shift lever is not properly adjusted.
 - Contact an authorized Can-Am dealer.
3. Electrical communication error.
 - Contact an authorized Can-Am dealer.

ENGINE DOES NOT TURN

1. Ignition switch is in the OFF position.
 - Place switch to either ON position.
2. Shift lever is not set on PARK or NEUTRAL.
 - Set shift lever to either in PARK or in NEUTRAL or press the brake pedal.
3. Burnt fuse.
 - Check fuses.
4. Weak battery or loose connections.
 - Check charging system fuse.
 - Check fault message in cluster.
 - Check battery connections and terminals condition.
 - Have the battery checked by an authorized Can-Am dealer.
5. Defective engine start button.
 - Contact an authorized Can-Am dealer.
6. Defective starter solenoid.
 - Contact an authorized Can-Am dealer.

ENGINE TURNS OVER BUT FAILS TO START

1. Flooded engine (spark plug wet when removed).

- *(If the engine does not start and it is fuel-flooded, the drowned 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 either ON position.*
- *Press completely and HOLD accelerator pedal.*
- *Press the engine START button.*

The engine should be cranked for 10 seconds. Release engine START button.

Release accelerator pedal and start/crank engine again to allow starting.

If it does not work:

- *Remove the spark plugs (tools are supplied in tool kit). Refer to SPARK PLUGS in the MAINTENANCE PROCEDURES section.*
- *Crank engine several times.*
- *Install new spark plugs if possible or clean and dry spark plugs.*
- *If engine does not start, see an authorized Can-Am dealer.*

2. No fuel to the engine (spark plug dry when removed).

- *Check fuel tank level.*
- *Check fuel pump fuse.*
- *Obstructed fuel pump pre-filter or fuel pump failure. See an authorized Can-Am dealer.*
- *Contact an authorized Can-Am dealer.*

3. Spark plug/ignition (no spark).

- *Check ignition fuse.*
- *Remove spark plug then reconnect to ignition coil.*
- *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.*

ENGINE LACKS ACCELERATION OR POWER

1. Seat belt not buckled properly. Check cluster message.

- *Buckle up seat belt.*

2. Fouled or damaged spark plug.

- *Replace spark plugs.*

3. Air filter plugged or dirty.

- *Check air filter and replace if necessary.*
- *Check deposits in air filter housing.*

4. Water in CVT

- *Drain water from CVT. Refer to SPECIAL PROCEDURES subsection.*

5. CVT dirty or worn-out.

- *Contact an authorized Can-Am dealer.*

6. Lack of fuel

- *Dirty or clogged fuel pump pre-filter. See an authorized Can-Am dealer.*

ENGINE LACKS ACCELERATION OR POWER (cont'd)

7. Engine is in limp home mode.

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

ENGINE OVERHEATS

1. Low coolant level in cooling system.

- *Check coolant level and refill. See MAINTENANCE PROCEDURES. See an authorized Can-Am dealer as soon as possible.*

2. Cooling fan is not working.

- *Ensure cooling fan is not jammed and working properly.*
- *Check fan fuse. See FUSES in the MAINTENANCE PROCEDURES subsection.*

3. Dirty radiators fins.

- *Check and clean radiator fins. See MAINTENANCE PROCEDURES subsection.*

ENGINE MISFIRE

1. Fouled/damaged/worn spark plug.

- *Replace spark plugs as required.*

2. Water in fuel.

- *Drain fuel system and refill with fresh fuel.*

THE RPM INCREASES BUT THE VEHICLE DOES NOT MOVE

1. Water in the CVT.

- *Drain water from CVT. See SPECIAL PROCEDURES subsection.*

2. CVT dirty or worn-out or belt failure.

- *Contact an authorized Can-Am dealer.*

THE RPM DOES NOT INCREASE WHEN PRESSING THE ACCELERATOR PEDAL (CHECK ENGINE IS ON AND LIMP HOME MESSAGE IS DISPLAYED).

1. Accelerator pedal failure (PPS).

- *Use the override switch to bypass the accelerator pedal in order to move vehicle. Contact an authorized Can-Am dealer.*

MESSAGES IN MULTIFUNCTION GAUGE

If an abnormal engine condition occurs, the following messages can be combined with a pilot lamp.

MESSAGE	DESCRIPTION
CHECK ENGINE	All active or previously activated faults that require attention. No engine limitation engaged.
LIMP HOME	Critical faults requiring diagnostic as soon as possible. An engine limitation is engaged and/or the engine behavior is modified.
ECM CRC ERROR	Error message from ECM.
TPS FAULT	Throttle body fault, generally followed by a Limp Home message.
BRAKE SWITCH FAULT	Brake signal fault.
ECM NOT RECOGNIZED	Message displayed when the gauge is unable to identify the ECM.
TRANSMISSION SIGNAL FAULT	Gearbox position sensor fault active. «E» is also displayed in the gear display.
PPS FAULT	When one or both sensor of the PPS is/are faulty, erratic or out of range or that the ratio between the two is incorrect, the message will be displayed and the check engine pilot lamp will be lit.
MANUAL LIMP HOME	When the PPS Limp Home is engaged, the message will be displayed.
FUEL SENDER RANGE PERFORMANCE	When the fuel sender resistor value is out of range the multifunction gauge (analog/digital) will detect it and display the message.
GEAR POSITION SENSOR FAULT	When the Gear signal is erroneous the gauge will display the message.

WARRANTY

BRP LIMITED WARRANTY USA AND CANADA: 2011 CAN-AM® SSV

1) SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Products Inc. ("BRP")* warrants its 2011 Can-Am side-by-side vehicles (SSV) sold by authorized Can-Am SSV 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 SSV was used for racing or any other competitive activity, at any point, even by a previous owner; or (2) the SSV 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 SSV parts and accessories, installed by an authorized BRP dealer at the time of delivery of the 2011 Can-Am SSV, carry the same warranty as that of the Can-Am SSV.

2) LIMITATIONS OF LIABILITY

THIS WARRANTY IS EXPRESSLY GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTY. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY. SOME STATES/ PROVINCES DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS AND EXCLUSIONS IDENTIFIED ABOVE, AS A RESULT, THEY MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH MAY VARY FROM STATE TO STATE, OR PROVINCE TO PROVINCE.

Neither the distributor, any BRP dealer nor any other person has been authorized to make any affirmation, representation or warranty regarding the product, other than those contained in this limited warranty, and if made, shall not be enforceable against BRP.

BRP reserves the right to modify this warranty at any time, being understood that such modification will not alter the warranty conditions applicable to the products sold while this warranty is in effect.

3) EXCLUSIONS – ARE NOT WARRANTED

The following are not warranted under any circumstances:

- Normal wear and tear;
- Routine maintenance items, tune ups, adjustments (parts and labor);
- 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 SSV 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 SSV 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 a period of:

- SIX (6) CONSECUTIVE MONTHS, for private use or commercial use owners, except that emission-related components installed on EPA certified SSVs 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 SSV 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 2011 Can-Am SSV must be purchased as new and unused by its first owner from a Can-Am SSV dealer authorized to distribute Can-Am SSV’s in the country in which the sale occurred (“Can-Am SSV dealer”);
- The BRP specified pre-delivery inspection process must be completed and documented;
- The 2011 Can-Am SSV must have undergone proper registration by an authorized Can-Am SSV dealer;
- The 2011 Can-Am SSV must be purchased in the country in which the purchaser resides;
- Routine maintenance outlined in the Operator’s Guide must be timely performed in order to maintain warranty coverage. BRP reserves the right to make warranty coverage contingent upon proof of proper maintenance.

BRP will not honor this limited warranty to any private use owner or commercial use owner if the preceding conditions have not been met. Such limitations are necessary in order to allow BRP to preserve both the safety of its products, and also that of its consumers and the general public.

6) WHAT TO DO TO OBTAIN WARRANTY COVERAGE

The customer must cease using the SSV 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 SSV parts without charge for parts and labor, at any authorized BRP dealer during the warranty coverage period under the conditions described herein. BRP's responsibility is limited to making the required repairs or replacements of parts. No claim of breach of warranty shall be cause for cancellation or rescission of the sale of the SSV 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

Your 2011 Can-Am SSV could be originally equipped with Carlisle[†] branded SSV 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 SSV 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 SSV

CUSTOMER ASSISTANCE CENTER

75 J.-A. Bombardier Street

Sherbrooke, QC J1L 1W3

Tel.: 819 566-3366

IN USA:

BRP US Inc.

CAN-AM SSV

CUSTOMER ASSISTANCE CENTER

7575 Bombardier Court

Wausau WI 54401

Tel.: 715 848-4957

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† Carlisle is a trademark owned by or licensed to Carlisle Tire & Wheel Company.

BRP INTERNATIONAL LIMITED WARRANTY: 2011 CAN-AM® SSV

1) SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Products Inc. ("BRP")* warrants its 2011 Can-Am SSV sold by Can-Am SSV distributors or dealers authorized by BRP to distribute Can-Am SSVs ("Can-Am SSV 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) from defects in material or workmanship for the period and under the conditions described below.

All genuine Can-Am SSV parts and accessories, installed by an authorized Can-Am SSV Distributor/Dealer at the time of delivery of the 2011 Can-Am SSV, carry the same warranty as that of the Can-Am SSV.

This limited warranty will become null and void if: (1) The SSV was used for racing or any other competitive activity, at any point, even by a previous owner; or (2) the SSV 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 SSV 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 (parts and labor);
- 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 SSV 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.

5) CONDITIONS TO HAVE WARRANTY COVERAGE

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

- The 2011 Can-Am SSV must be purchased as new and unused by its first owner from a Can-Am SSV Distributor/Dealer authorized to distribute Can-Am SSVs 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 SSV Distributor/Dealer;
- The 2011 Can-Am SSV 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 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 SSV upon the appearance of an anomaly. The customer must notify a servicing Can-Am SSV 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 SSV 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 SSV parts without charge for parts and labour, at any authorized Can-Am SSV 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 SSV 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 SSV 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 SSV Dealer level. We recommend discussing the issue with the service manager or owner. You will find your Can-Am SSV Distributor/Dealer's coordinates on our website at www.brp.com.
2. If further assistance is required, the Can-Am SSV 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, 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 SSV 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, Québec J1L 1W3
Tel.: 1 819 566-3366

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BRP LIMITED WARRANTY FOR THE EUROPEAN ECONOMIC AREA: 2011 CAN-AM® SSV

1) SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Product Inc. ("BRP")* warrants its new and unused model-year 2011 Can-Am SSVs sold by Can-Am SSV distributors or dealers authorized by BRP to distribute Can-Am SSVs ("Can-Am SSV 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) from defects in material or workmanship for the period and under the conditions described below.

All genuine Can-Am SSV parts and accessories, installed by an authorized Can-Am SSV Distributor/Dealer at the time of delivery of the 2011 Can-Am SSV, carry the same warranty as that of the SSV.

This limited warranty will become null and void if: (1) The SSV was used for racing or any other competitive activity, at any point, even by a previous owner; or (2) the SSV 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 SSV 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 (parts and labor);
- 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 SSV 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 2011 Can-Am SSV must be purchased as new and unused by its first owner from a Can-Am SSV Distributor/Dealer authorized to distribute Can-Am SSVs 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 SSV Distributor/Dealer;
- The 2011 Can-Am SSV must be purchased in the EEA; 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 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 SSV upon the appearance of an anomaly. The customer must notify a servicing Can-Am SSV 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 SSV 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 SSV parts without charge for parts and labor, at any authorized Can-Am SSV 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 SSV to the owner.

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

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

8) TRANSFER

If the ownership of a product is transferred during the warranty coverage period, this 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 SSV 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 SSV Dealer level. We recommend discussing the issue with the Can-Am SSV Distributor/Dealer's service manager or owner. You will find your Can-Am SSV Distributor/Dealer's coordinates on our website at www.brp.com.
2. If further assistance is required, the Can-Am SSV 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 SSV 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: 1 819 566-3366

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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 goods 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, Quebec
Canada,
J0E 2L0

CHANGE OF ADDRESS/OWNERSHIP

If your address has changed or if you are the new owner of the vehicle, be sure to notify BRP by either:

- Mailing one of the following card below;
- **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 vehicle owner if necessary, like when safety recalls are initiated. It is the owner's responsibility to notify BRP.

STOLEN UNITS: If your personal vehicle 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.

In North America

BOMBARDIER RECREATIONAL PRODUCTS INC.

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

In Other Countries in the World

BRP EUROPEAN DISTRIBUTION

Warranty Department
Chemin de Messidor 5-7
1006 Lausanne
Switzerland

In Scandinavian Countries

BRP FINLAND OY

Service Department
Isoaavantie 7
Fin-96320 Rovaniemi
Finland
Tel.: + 358 16 3208 111

CHANGE OF ADDRESS CHANGE OF OWNERSHIP 

VEHICLE IDENTIFICATION NUMBER

Model Number

Vehicle Identification Number (V.I.N.)

OLD ADDRESS
OR PREVIOUS OWNER:

NAME

NO.

STREET

APT

CITY

STATE/PROVINCE

ZIP/POSTAL CODE

COUNTRY

TELEPHONE

NEW ADDRESS
OR NEW OWNER:

NAME

NO.

STREET

APT

CITY

STATE/PROVINCE

ZIP/POSTAL CODE

COUNTRY

TELEPHONE

E-MAIL ADDRESS

V00A2F

CHANGE OF ADDRESS CHANGE OF OWNERSHIP 

VEHICLE IDENTIFICATION NUMBER

Model Number

Vehicle Identification Number (V.I.N.)

OLD ADDRESS
OR PREVIOUS OWNER:

NAME

NO.

STREET

APT

CITY

STATE/PROVINCE

ZIP/POSTAL CODE

COUNTRY

TELEPHONE

NEW ADDRESS
OR NEW OWNER:

NAME

NO.

STREET

APT

CITY

STATE/PROVINCE

ZIP/POSTAL CODE

COUNTRY

TELEPHONE

E-MAIL ADDRESS

V00A2F

WARNING

To reduce risk of serious injury or death, read this Operator's Guide and safety labels, watch the safety DVD and:

Be Qualified and Responsible

- Driver must be at least 16 years old.
- Do not operate after using drugs or alcohol.

Avoid Rollovers, Tipovers and Collisions

Abrupt maneuvers or aggressive driving can cause rollovers or loss of control - even on flat ground - resulting in crushing and other injuries.

- Never drive too fast for the situation. Slow down before turning. Avoid braking in a turn.
- Use care when turning. Do not turn the steering wheel too far or too fast. Avoid hard acceleration when turning, even from a stop.
- Never attempt donuts, skids, slides, fishtails, jumps or other stunts.
- Avoid paved surfaces. If you must drive on pavement, turn gradually and go slowly.
- Avoid side hilling (riding across slopes) and steep hills.
- Do not ride on public roads – this vehicle is not designed for on-road safety.

Prepare to Ride

- Fasten side net and seat belt.
- Wear an approved helmet and other protective gear.
- Keep entire body inside the cockpit and stay properly seated.
- Make sure the passenger is prepared and qualified. Never carry more than one passenger.

219 000 720

CA

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

FAIT AU / MADE IN CANADA

U/M:P.C.

Cleaning Procedure of Exhaust Area

This is an addendum to the Operator's Guide of Can-Am Commander model year 2011, 2012 and 2013 vehicles. It should be kept with the Operator's Guide in the vehicle.



BRP recommends to clean the exhaust area every 1 500 km (1,000 mi) or 50 hours of operation (whichever comes first).

⚠ WARNING

In order to avoid potential burns, never perform these operations immediately after the engine has been running as exhaust system is very hot. Let vehicle cool down before performing these operations.

NOTE: On following illustrations, some items such as the cage, the side net and seat belt were removed for clarity purposes.

Step 1

Driver's seat

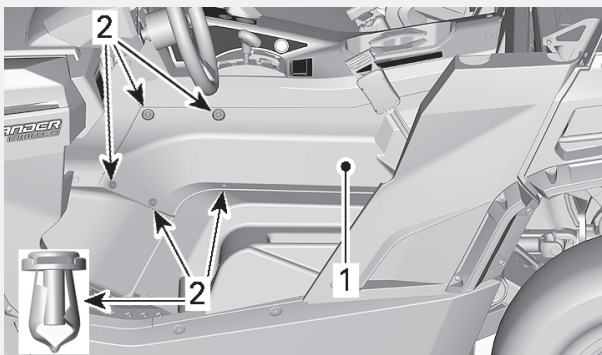
1.1 Remove driver's seat as per Operator's Guide.

Step 2

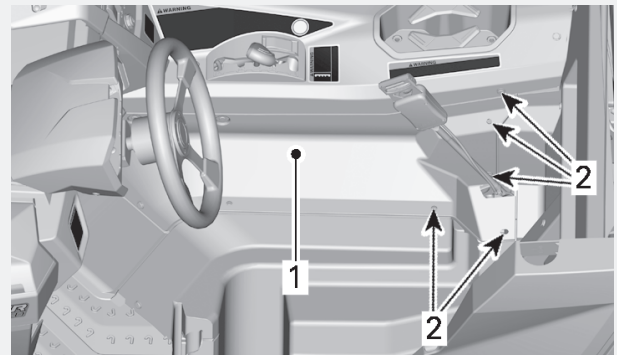
Lateral console panel on driver's side

2.1 Remove plastic rivets securing the lateral console panel and keep for reinstallation later on. To know more about how to remove the plastic rivets, please see next page.

2.2 Remove the lateral console panel.



FRONT PORTION OF THE LH LATERAL CONSOLE PANEL
1. LH lateral console panel
2. Plastic rivets



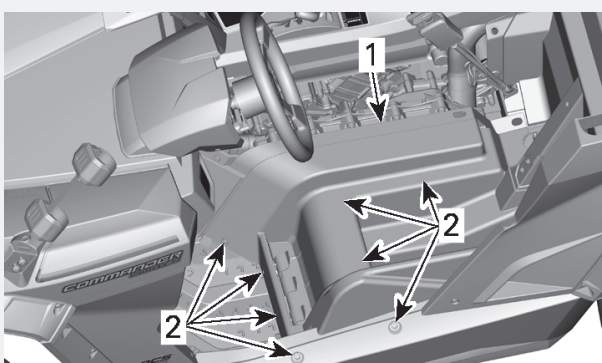
REAR PORTION OF THE LH LATERAL CONSOLE PANEL
1. LH lateral console panel
2. Plastic rivets

Step 3

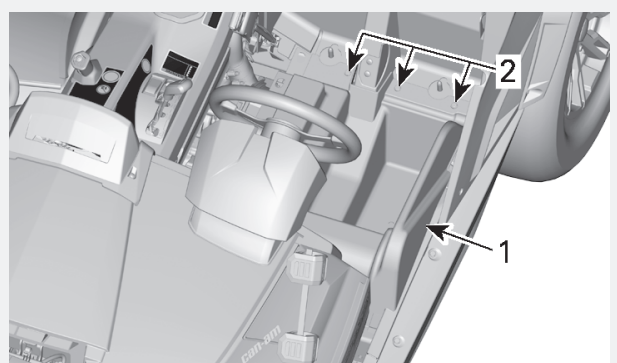
Under seat storage compartment

3.1 Remove plastic rivets securing the under seat storage compartment and keep for reinstallation later on.

3.2 Remove under seat storage compartment. This part will still be attached to the vehicle by the seat belt.



1. Under seat storage compartment
2. Plastic rivets

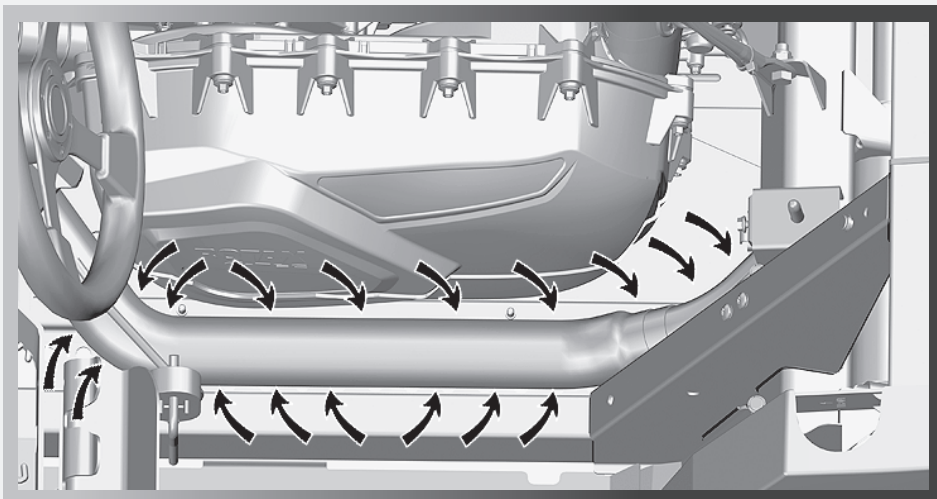


1. Under seat storage compartment
2. Plastic rivets

Step 4

Access to area that may require cleaning

- 4.1 Wearing gloves, hand remove all excess debris around exhaust.
- 4.2 Using a garden hose, thoroughly clean the area so no more debris can be in contact with exhaust.



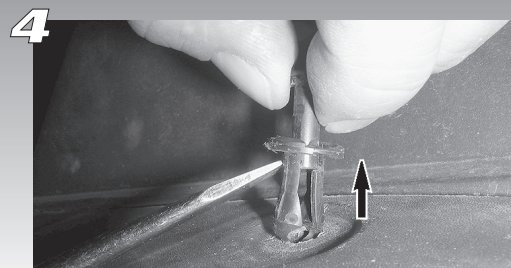
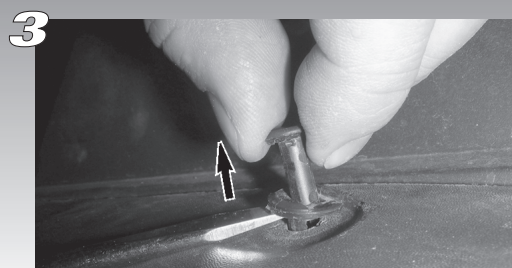
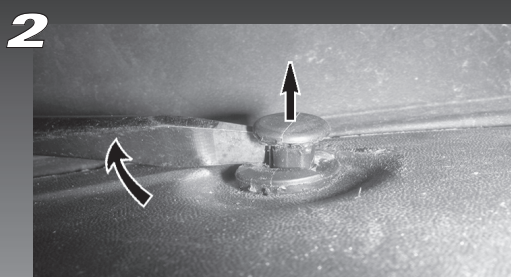
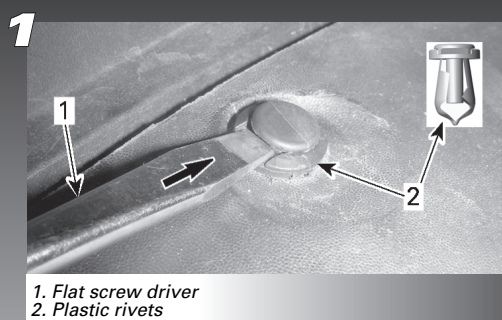
Step 5

Reinstallation of removed parts

- 5.1 The installation of the previously removed parts is the reverse of the removal procedure.

Supplementary information

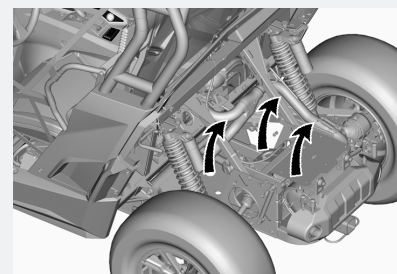
How to remove the plastic rivets



Step 6

Under cargo box cleaning

- 6.1 Tilt the cargo box and clean the area surrounding the exhaust.



Step 7

For vehicles equipped with the Front Grill Kit

- 7.1 Make sure that the two grills are clean.
- 7.2 Make sure that the two grills are still attached properly.
- 7.3 Make sure that the two grills are in good condition.

For more information, refer to the Safety recall notice letter :

Can-Am Commander - Accumulation of debris in the exhaust area in very specific riding terrains and conditions.

