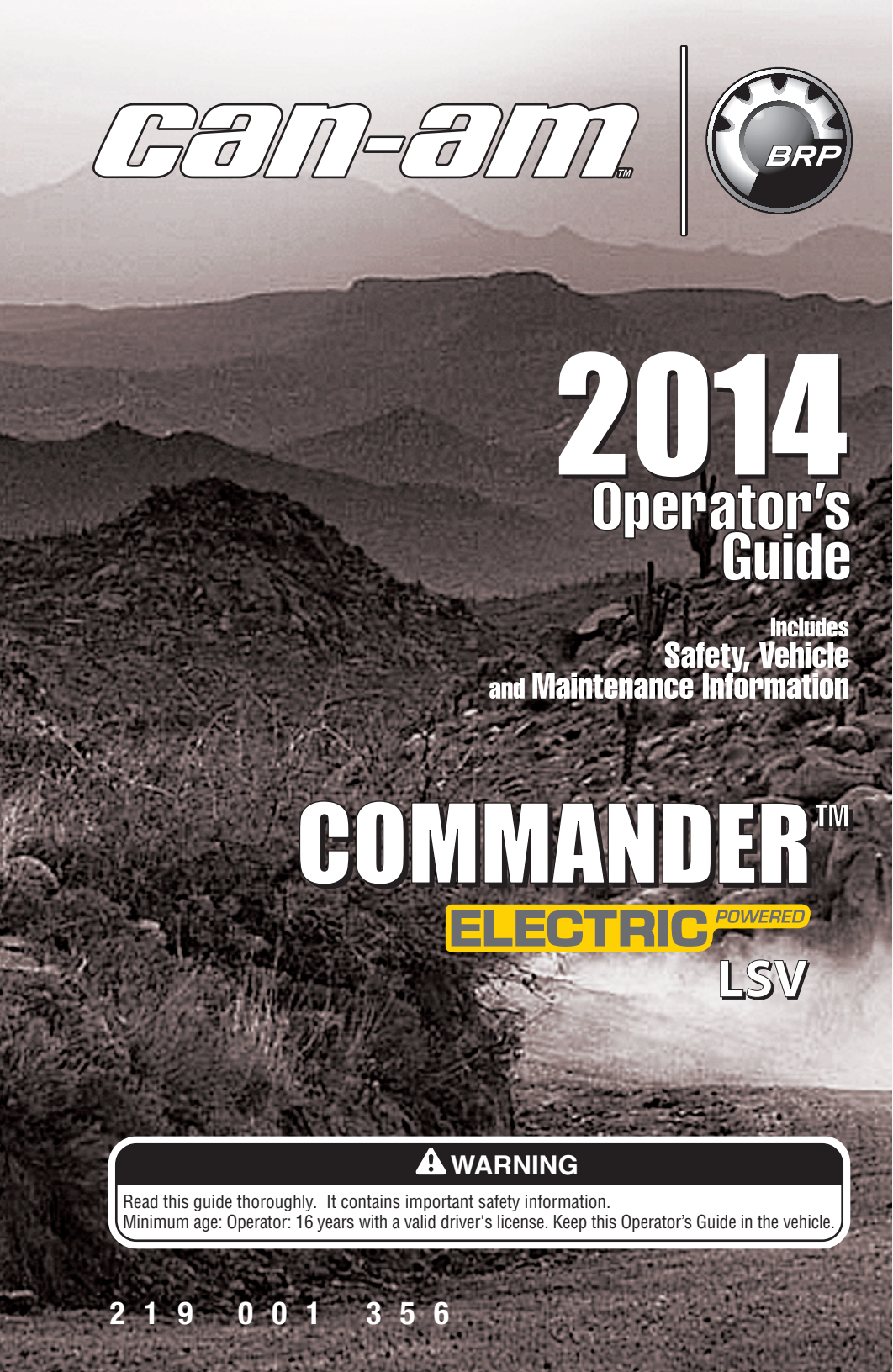

2014 Operator's Guide

Includes Safety, Vehicle and Maintenance Information

COMMANDER™

ELECTRIC POWERED

LSV

⚠ WARNING

Read this guide thoroughly. It contains important safety information.
Minimum age: Operator: 16 years with a valid driver's license. Keep this Operator's Guide in the vehicle.

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⚠ WARNING

THIS VEHICLE CAN BE HAZARDOUS TO OPERATE. A collision or rollover can occur quickly, if you fail to take proper precautions, even during routine maneuvers.
For your safety, understand and follow all the warnings contained in this Operator's Guide and on the safety labels on of this 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 and on-product safety 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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Commander™

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FOREWORD

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English	This guide may be available in your language. Check with your dealer or go to: **www.operatorsguide.brp.com**.
Español	Es posible que este manual esté disponible en su idioma. Consulte a su distribuidor o visite: **www.operatorsguide.brp.com**.
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Suomi	Käyttöohjekirja voi olla saatavissa omalla kielelläsi. Tarkista jälleenmyyjältä tai käy osoitteessa: **www.operatorsguide.brp.com**
Svenska	Denna bok kan finnas tillgänglig på ditt språk. Kontakta din återförsäljare eller gå till: **www.operatorsguide.brp.com**.

Congratulations on your purchase of a new Can-Am™ Commander Electric 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.

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.

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

Know Before you Go

To learn how to reduce the risk of accident for you, your passenger, bystanders or other road users, read this *OPERATOR'S GUIDE* and all on-product safety labels before you operate the vehicle.

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

Age Recommendation

A person under 16 should never operate this vehicle.

On-Road Requirements

This vehicle should be used only where on-road usage is permitted for the Low Speed Vehicle (LSV) category. Check local legislations. This vehicle may need other equipments to meet local regulations.

A valid driver's license is required to drive this vehicle on public roads where permitted.

Safety Messages

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

The safety alert symbol ⚠ indicates a potential injury hazard.

⚠ 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 may be 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 should remain with the vehicle when it is sold.

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GENERAL PRECAUTIONS

Avoid Fires and Other Hazards

To reduce the risk of fire or explosion, follow these instructions:

Fuel

– Special precautions must be taken when handling or storing fuel containers in the cargo box
– 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.

⚠ WARNING

Strictly adhere to these instructions when handling fuel containers as gasoline is extremely flammable and highly explosive.

Electrical System and Batteries

⚠ WARNING

Have your battery pack inspected and voltage checked by a Can-Am dealer after an accident or a severe impact.

– Follow this guide's recommendation and have your vehicle's electrical system inspected by an authorized Can-Am dealer.
– Use only an adequate extension cord to connect vehicle to electrical outlet.

Avoid Burns from Hot Parts

Certain components 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 increase the risk of rollover.

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

Electrical Shocks

Do not tamper with the electrical system of this vehicle. See an authorized Can-Am dealer.

⚠ WARNING

If a fire occurs with this vehicle, use only a type ABC, BC or C fire extinguisher that is meant for use on electrical fires. Using water or the incorrect fire extinguisher can result in serious injury or death from electrical shock.

SAFE OPERATION - RESPONSIBILITIES

This is a limited off-road and on-road vehicle. Operators must be responsible and use care to avoid accidents such as rollovers, tipovers, collisions, etc. 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 this section.

Owner - Be Responsible

Read this Operator's Guide.

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 this type of vehicle. Consider supervising new 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.

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.

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

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 and have a valid driver's license in accordance with local laws (for off-road and on-road use).

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 and accelerator pedals with the right foot and to firmly plant left foot on the footrest.

The operator is responsible for the safety of the passenger, bystanders or other road users. Always follow the safe operation guidelines and drive safely.

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

Carrying a 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.

For off-road operation, never carry a passenger if you judge his ability or judgement insufficient to concentrate on the terrain conditions and adapt accordingly.

Off-Road Usage

Drive responsibly.

Follow safe operation guidelines.

Wear appropriate safety equipment. Refer to *RIDING GEAR*.

On-Road Usage

This Low Speed Vehicle (LSV) should be used only where on-road usage is permitted for this category of vehicle. Check with local laws for limitations on use.

Drive responsibly, always respect road traffic laws.

Have a proper driver's license in accordance with local laws when driving this vehicle on public roads where permitted.

The operator is responsible for the safety of the passenger and bystanders. Always follow the safe operation guidelines and drive safely,

LSVs provide much less crash protection than cars. This vehicle is not equipped with the safety features (such as airbags) found in cars. If you are in a collision, you are more likely to be hurt or killed than in a car. Seat belts, nets and helmets provide some protection but will not prevent serious injury or death if the vehicle is crushed or the impact is severe.

Even if allowed by local law, avoid areas with heavy or high-speed traffic. If you must operate in these conditions, a helmet may reduce your risk of injury in a collision.

This vehicle is quiet; other road users may not hear you. Watch for pedestrians and bikers and use the horn as needed.

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.
- 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 try to stop a rollover using your arms or legs. If you think that the vehicle may tip or roll, the driver should keep both hands on the steering wheel, the left foot firmly planted on the footrest and the right foot planted on the floor. The passenger should keep both hands on the handholds and both feet firmly planted on the floor.
- 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 the *PREPARE TO RIDE* subsection).
– The driver and passenger must latch the side nets and wear the seat belts at all times when riding.
– 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.

Terrain Condition

– 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 before leaving the vehicle. Block wheels if vehicle is parked on an incline.
– 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.
– When riding on paved surfaces, ensure the rear differential is not locked. Avoid abrupt inputs to steering wheel. When turning, avoid abrupt inputs to brake or accelerator.

PRE-RIDE INSPECTION

Always inspect and confirm the safe operating condition of this 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

Items to be Checked in Key OFF Position

ITEMS TO BE INSPECTED	INSPECTION TO PERFORM	✔
Charging cable	Verify charging cable is disconnected from power outlet.	
Tires	Check tire pressure and condition. Refer to vehicle label or *SPECIFICATIONS* in this guide.	
Wheels	Check wheels and lug nuts for damage.	
Drive shaft boots	Check drive shaft boots and protectors condition.	
Cargo and load	Cargo Load: If you transport a cargo, respect the maximum load capacity according to your vehicle and its equipment. Ensure cargo is properly secured to the rear cargo box. Vehicle Load: Ensure that total load on the vehicle does not exceed specifications.	
	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.	
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.	

ITEMS TO BE INSPECTED	INSPECTION TO PERFORM	✔
Seats, side nets and seat belts	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 side net as required.	
	Check seat belts for any damage. Fasten seat belts 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.	
Steering	Check if steering operates freely by completely turning it from side to side.	
Mirrors	Adjust mirrors to your preference	

Items to be Checked in Key ON position

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 and reflectors	Check cleanliness of headlights, taillights and reflectors.	
	Check operation of headlights (high and low beams), and brake lights.	
	Check operation of hazard warning lights, turn signals and positions lights (if applicable)	
Differential switch	Verify differential switch indicator lights cycle though when differential switch is pressed.	
Horn	Check horn operation.	
Shift lever	Check operation of shift lever (P, R, N, H and L).	
2WD/4WD selector	Check operation of 2WD/4WD selector.	

ITEMS TO BE INSPECTED	INSPECTION TO PERFORM	✔
Battery charge	Verify level of battery charge is sufficient for planned trip.	
Parking brake	Apply brake and shift from park. Listen for the release sound of the parking brake mechanism.	
Power Switch	Turn the key to the OFF position to verify if motor and gauge will shut down.	

Before you Ride

Perform pre-ride inspection to confirm the safe operating condition of the 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.

Riding Gear

(On-Road Use)

An approved helmet for the operator and passenger is recommended when using this vehicle on public roads where permitted to reduce the risk of injury in the event of an accident.

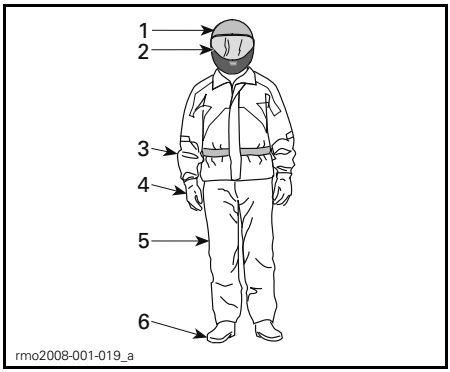
For helmet information, refer to *CHOOSING AN HELMET* in *RIDING GEAR FOR OFF-ROAD USE* in this section.

(Off-Road Use)

It is important that the operator and passenger always wear 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 frostbites in winter, dress for the coldest weather expected. Thermal underwear next to the skin also provides 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.

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 better 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 while riding at moderate temperatures, you can feel very cold due to the wind.

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.

Avoid Rollovers and Tipovers

This vehicle can handle off-road terrain due to its design (wheelbase, track width, ground clearance, etc.) As a result, this vehicle may overturn in some cornering conditions if proper precautions are not followed.

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.
  - Adjust steering inputs accordingly to 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.

Riding the vehicle with the rear differential in the locked position affects vehicle handling and control. This vehicle should be driven with the rear differential in the unlock position, except for off-road operation or when conditions are slippery such as when there is snow or ice. When differential is locked, reduce speed for optimum vehicle stability, control and traction.

During OFF-Road Operation

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.

Avoid Collisions

This vehicle does not have the same kind of protection for collisions as a passenger car; for example, there are no air bags, the cockpit is not fully enclosed, and it is not designed to meet collisions requirements. Seat belts and nets provide some protection, but will not prevent serious injury or death if the vehicle is crushed or the impact is severe.

Zones with heavy traffic or high speed traffic should be avoided to reduce the risk of collisions. You should never operate in zones where you become an obstacle and an annoyance for faster moving traffic.

It is also recommended to wear an approved helmet in addition to fastening the seat belts and side nets to increase protection.

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.

NOTE: All exercises should be practiced with the differential in the unlocked and locked positions to learn the different handling characteristics 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), free of 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 level while turning.
- Finally, repeat turning exercise while accelerating slowly.
- Practice exercises turning on the other side.

Note how your vehicle reacts in these different exercises. We recommend releasing the throttle before entering 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 and while remaining at low speed, 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.

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.

Emergency Motor Stopping Exercise

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

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

On-Road and Paved Surfaces Operation

When going on paved surface unlock differential.

When driving vehicle on-roads, ensure to keep to the right side of the road to allow faster vehicles to pass you.

Vehicle handles differently while on-paved surfaces so make sure to keep extra awareness to you for:

– Terrain,
– Road surface condition,
– Line of sights,
– Traffic,
– Weather condition.

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 motor RPM is limited thus limiting the vehicle reverse speed.

⚠ WARNING

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

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 or 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.

When driving on snow or ice, lock the rear differential to improve traction.

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 looses traction in slushy snow. Look far ahead and al-

ways 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, 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 driving on sand, lock the rear differential to improve traction.

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 (L) 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 (R), 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, side hilling (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.

Parking the Vehicle

⚠ WARNING

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

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

Select the flattest terrain available for parking.

⚠ WARNING

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

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

Set shift lever in PARK position.

Turn key in power switch to OFF position.

Remove key from power switch.

NOTICE Never leave key to the ON position for a prolonged period of time as this will completely drain battery charge. Once batteries are completely discharged, the charging function will be disabled. Have your vehicle transported to your nearest Can-Am dealer.

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.

Most importantly, check battery charge. Estimate your driving range according to conditions. Find out where you can charge the batteries.

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.

When driving on grass, unlock the rear differential to avoid damaging the grass.

MOVING LOADS AND DOING WORK

Working with your Vehicle

Your vehicle can help you perform a number of different LIGHT tasks ranging from 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. Avoid hills and rough terrain. Allow greater braking distance to stop.

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 FOR VEHICLE WITH 8 BATTERIES				
OPERATOR AND PASSENGER	CARGO BOX LOAD	ACCESSORIES	TONGUE WEIGHT	TOTAL VEHICLE LOAD
150 kg (331 lb)	161 kg (355 lb)	25 kg (55 lb)	27 kg (60 lb)	363 kg (800 lb)
75 kg (165 lb)	272 kg (600 lb)	16 kg (35 lb)	0 kg (0 lb)	363 kg (800 lb)

EXAMPLES OF SUITABLE VEHICLE TOTAL LOADS FOR VEHICLE WITH 12 BATTERIES (FACTORY INSTALLED OPTION)				
OPERATOR AND PASSENGER	CARGO BOX LOAD	ACCESSORIES	TONGUE WEIGHT	TOTAL VEHICLE LOAD
150 kg (331 lb)	14 kg (29 lb)	25 kg (55 lb)	27 kg (60 lb)	216 kg (475 lb)
75 kg (165 lb)	136 kg (300 lb)	5 kg (10 lb)	0 kg (0 lb)	216 kg (475 lb)

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

Vehicle Settings When Carrying Load

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).

TIRES		
Type	Tire pressure - Front	Tire pressure - Rear
Maxxis Ceros	124 kPa (18 PSI)	124 kPa (18 PSI)

NOTE: Refer to decal on vehicle for tire pressure.

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 FOR VEHICLE WITH 8 BATTERIES		
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.

MAXIMUM CARGO BOX LOADS FOR VEHICLE WITH 12 BATTERIES (FACTORY INSTALLED OPTION)		
CARGO BOX (total)	136 kg (300 lb)	Evenly distributed and safely secured. Loaded as low as possible to reduce height of center of gravity.
LOWER CARGO BOX	0 kg (0 lb)	With optional 12-battery pack, lower cargo box is not meant to be loaded.
TOP CARGO BOX	136 kg (300 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 FOR VEHICLE WITH 8 BATTERIES		
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 (380 lb)	272 kg (600 lb)
181 kg (400 lb)	91 kg (200 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

All Models Except with Factory Installed Option 12 batteries

The cargo box can be tilted to ease unloading. Use release handles on either side of cargo box.

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1. RH release handle

NOTICE Always turn power switch to off when tilting the cargo box.

⚠ 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 cargo box as the load may have moved during transport.

To lower the cargo box, simply push it down into place.

⚠ 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.

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FRONT SECTION OF INCLINED CARGO BOX FREE OF ANY OBJECTS

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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.

When hauling a load, respect the maximum hauling capacity. See *PULLING A TRAILER* subsection.

⚠ 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.

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

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.

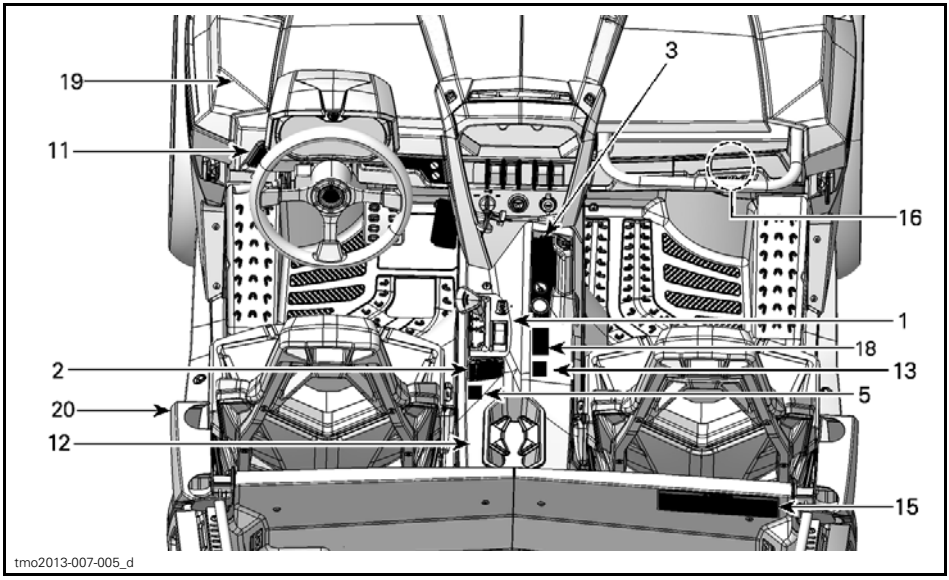
IMPORTANT ON-PRODUCT LABELS

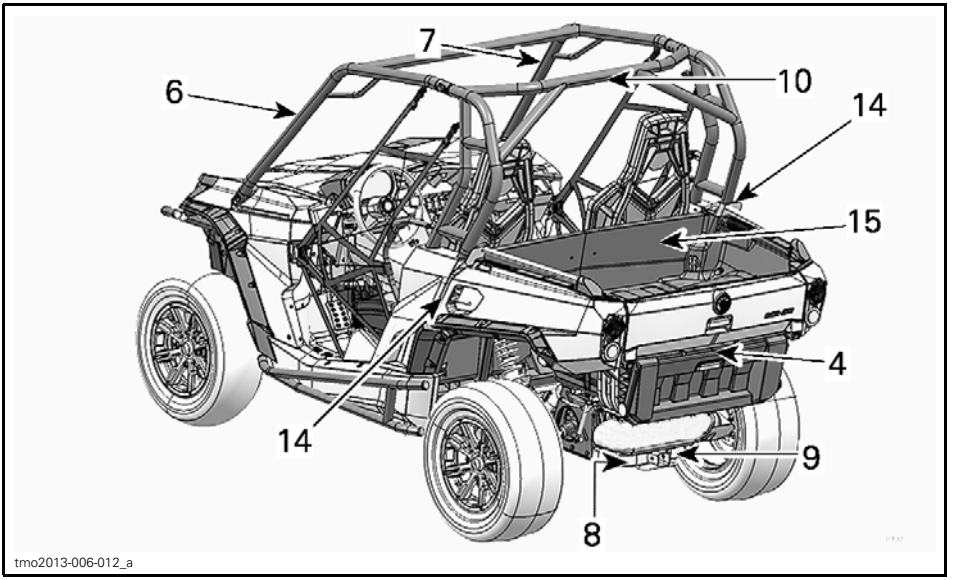
Safety Labels

Read and understand all the safety labels on your vehicle.

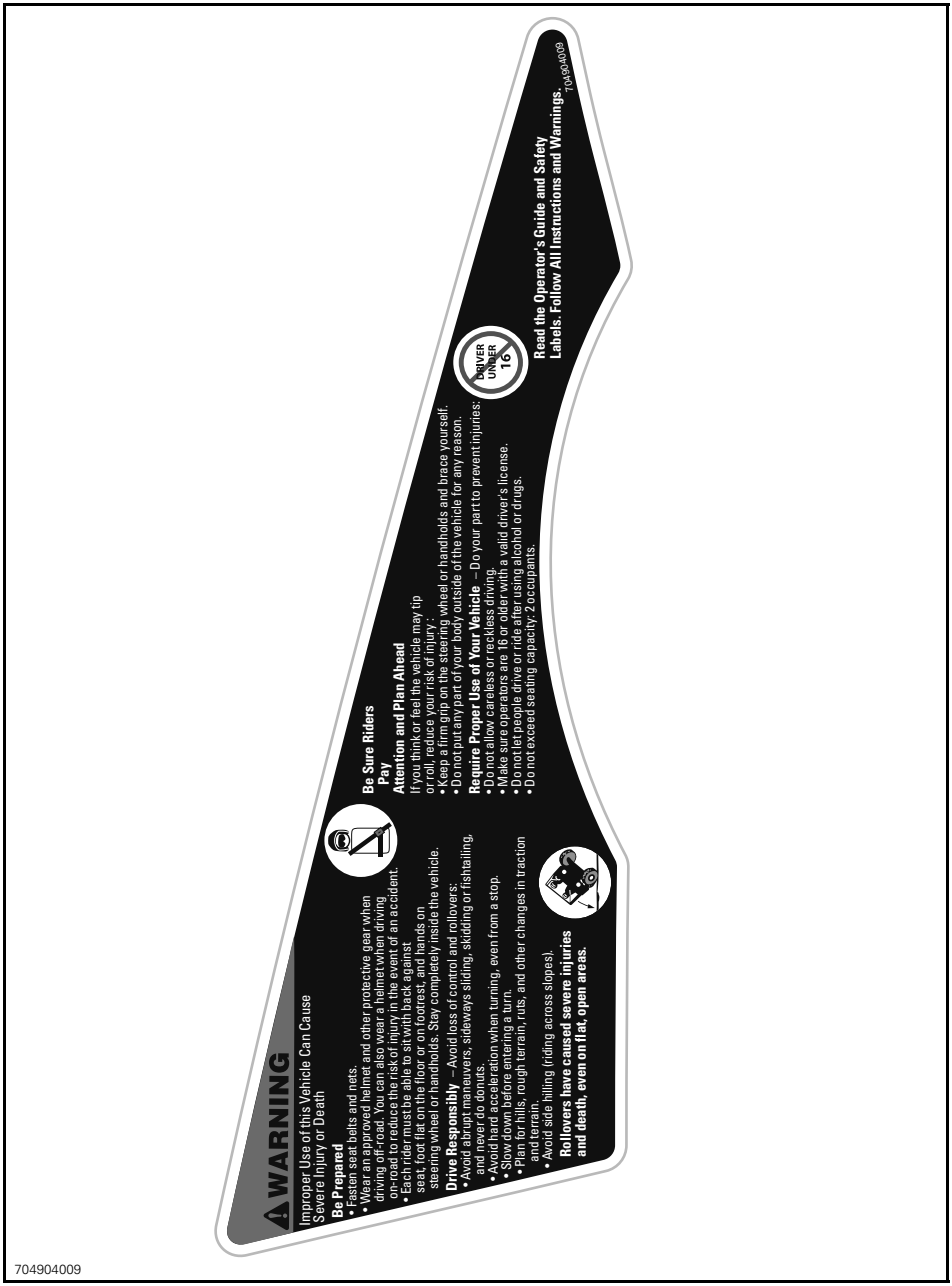
The following labels are on your vehicle, and they should be considered permanent parts of the vehicle. If missing or damaged, they can be replaced free of charge. See an authorized Can-Am dealer.

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





TYPICAL


WARNING
Improper Use of this Vehicle Can Cause Severe Injury or Death
Be Prepared
• Fasten seat belts and nets.
• Wear an approved helmet and other protective gear when driving off-road. You can also wear a helmet when driving on-road to reduce the risk of injury in the event of an accident.
• Each rider must be able to sit with back against seat, foot flat on the floor or on footrest, and hands on steering wheel or handholds. Stay completely inside the vehicle.
Drive Responsibly – Avoid loss of control and rollovers:
• Avoid abrupt maneuvers, sideways sliding, skidding or fishtailing, and never do donuts.
• Avoid hard acceleration when turning, even from a stop.
• Slow down before entering a turn.
• Plan for hills, rough terrain, ruts, and other changes in traction and terrain.
• Avoid side hilling (riding across slopes).
Rollovers have caused severe injuries and death, even on flat, open areas.
Be Sure Riders Pay Attention and Plan Ahead
If you think or feel the vehicle may tip or roll, reduce your risk of injury:
• Keep a firm grip on the steering wheel or handholds and brace yourself.
• Do not put any part of your body outside of the vehicle for any reason.
Require Proper Use of Your Vehicle – Do your part to prevent injuries:
• Do not allow careless or reckless driving.
• Make sure operators are 16 or older with a valid driver's license.
• Do not let people drive or ride after using alcohol or drugs.
• Do not exceed seating capacity: 2 occupants.
DRIVER UNDER 16
Read the Operator's Guide and Safety Labels. Follow All Instructions and Warnings.
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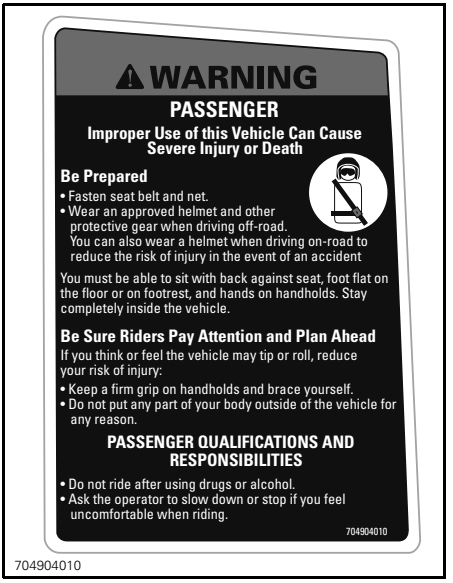
704904009

LABEL 1

LABEL 2



LABEL 3

LABEL 4

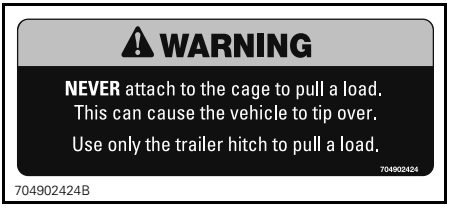
LABEL 5

LABEL 6

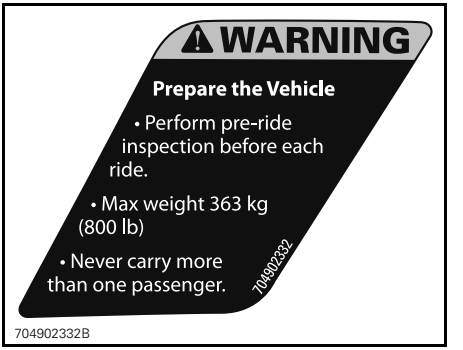
LABEL 7

LABEL 8

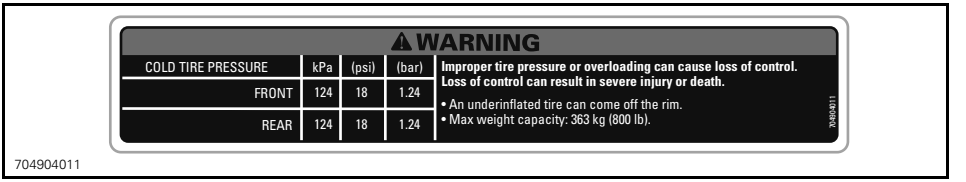
LABEL 9



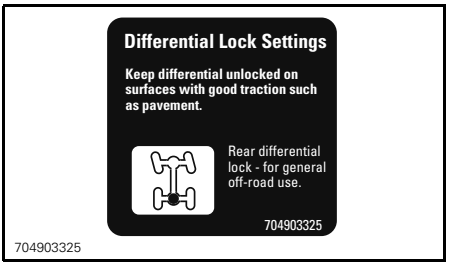
LABEL 10



LABEL 11

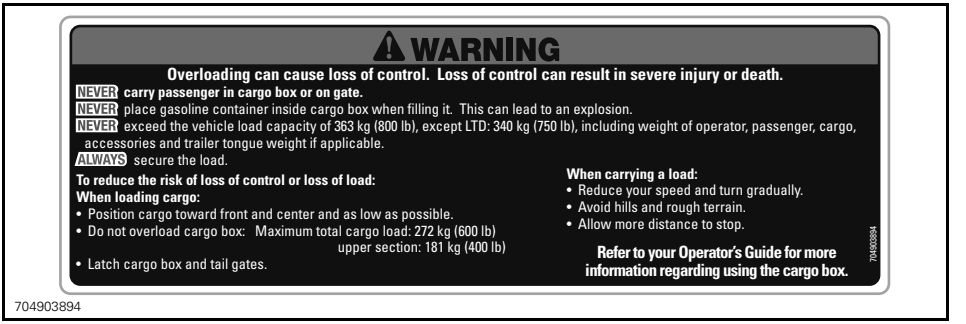


LABEL 12



LABEL 13

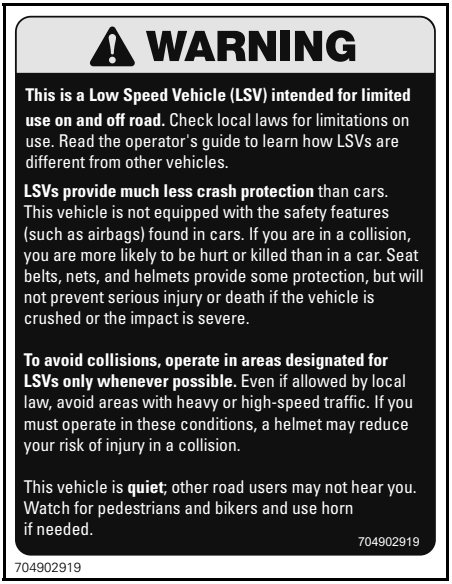
LABEL 14



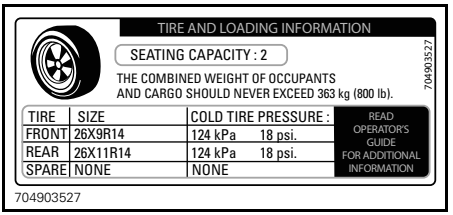
LABEL 15

LABEL 16

LABEL 17 - LOCATED ON BATTERY LOCK-IN STRAP



LABEL 18

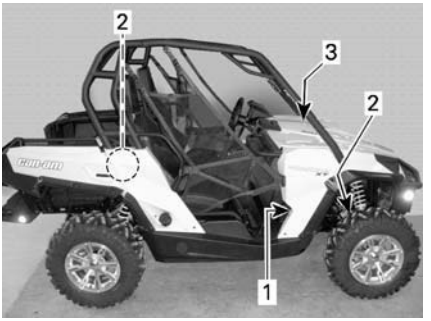


LABEL 20

LABEL 19

Compliance Labels

These labels indicate vehicle's compliance.



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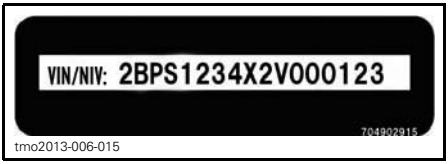
1. Compliance labels located under glove box

704902921

TYPICAL — LABEL 1 - VEHICLE SERIAL NUMBER LABEL UNDER GLOVE BOX



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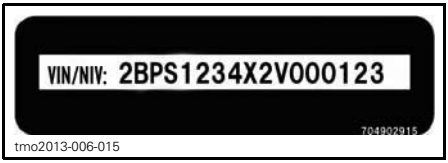
LABEL 2 - TYPICAL - V.I.N. LOCATED BEHIND FRONT RIGHT HAND WHEEL



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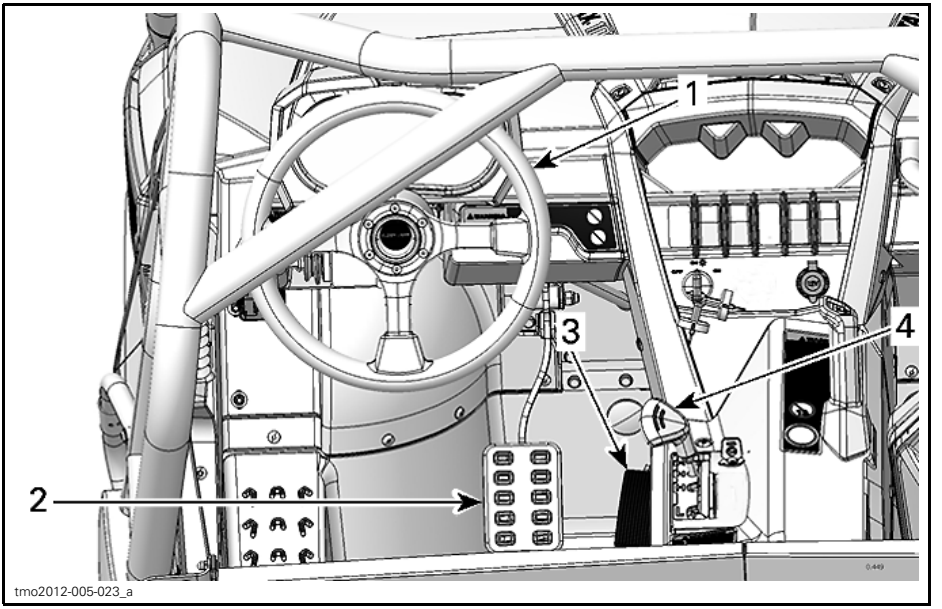
LABEL 3- TYPICAL - V.I.N. PLATE NEAR WINDSHIELD ON DRIVER'S SIDE

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.



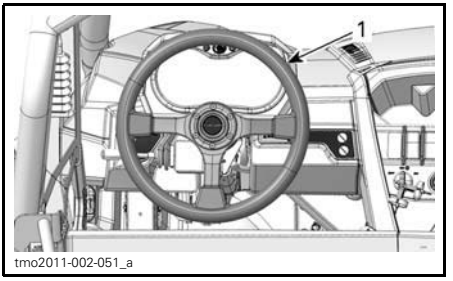
PRIMARY CONTROLS

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

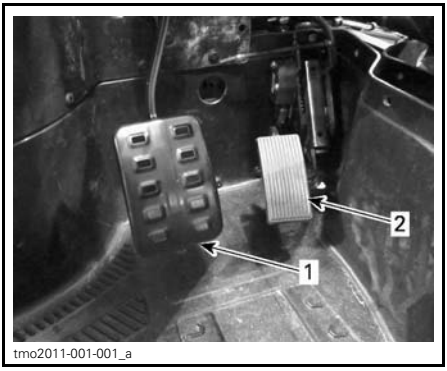
Grip the steering wheel with both hands, without having thumbs rolled around the steering wheel.

⚠ 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) 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.

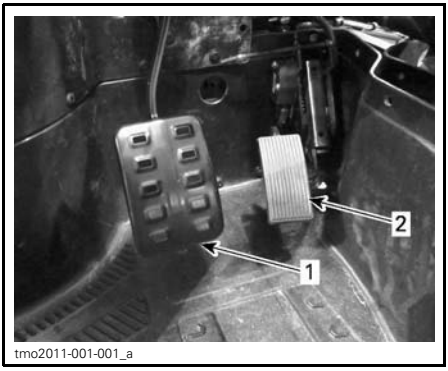
3) Accelerator Pedal

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

The accelerator pedal controls the vehicle speed when the power switch is turned to either ON positions and shift lever is in one of the following positions:

– Reverse (R)
– High range (H)
– Low range (L)

NOTE: The brake pedal must be depressed when selecting gear to allow vehicle movement with the accelerator pedal.



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.

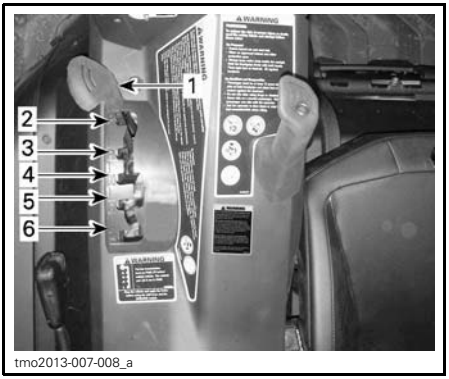
The accelerator pedal is spring loaded and should return to rest position (idle) when not pressed.

NOTE: The accelerator pedal should never be disassembled.

4) Shift Lever

The shift lever is located on the lower console.

The shift lever has 5 possible positions.



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

The vehicle must be stopped and brakes applied prior to changing shift lever position.

NOTE: If the brake pedal is not depressed when selecting gear, vehicle movement using the accelerator pedal is not allowed.

Park (P)

The park position engages the electric parking brake to help prevent vehicle movement.

⚠ WARNING

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

Reverse (R)

The reverse position allows the vehicle to go backwards.

NOTE: In reverse operation, the motor's RPM is limited, thus limiting the vehicle reverse speed to approximately 20 km/h (12 MPH).

⚠ WARNING

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

Neutral (N)

The neutral position disengages the parking brake and the regen.

⚠ WARNING

The vehicle can roll in the N position.

High Range (Forward)

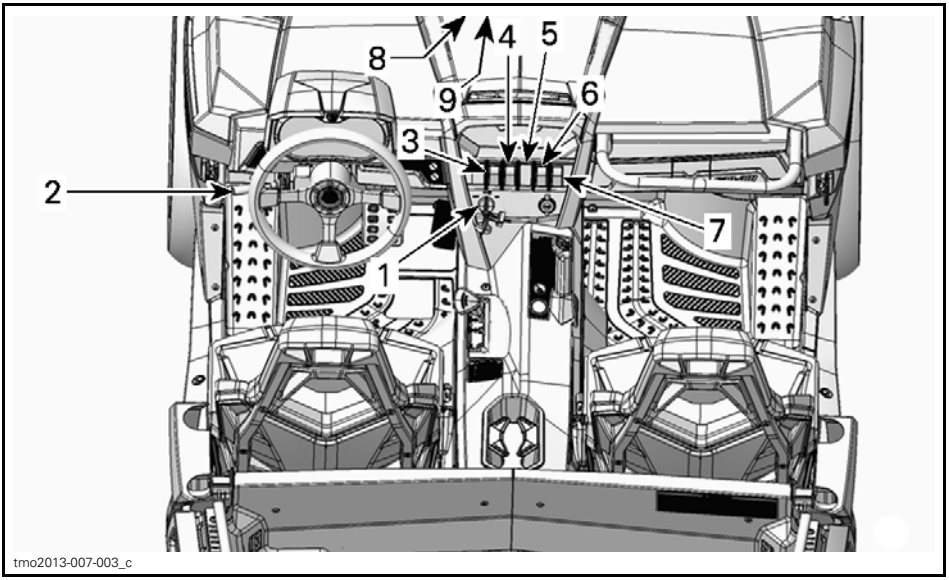
This is the normal forward position. It allows the vehicle to reach its maximum speed of approximately 40 km/h (25 MPH).

Low Range (Forward)

In the low range position, the vehicle maximum speed is limited to approximately 15 km/h (9 MPH).

During deceleration, this position helps reducing vehicle speed and also gives the maximum battery regeneration.

NOTICE Use the low speed range to pull a trailer, carry heavy cargo or drive downhill.

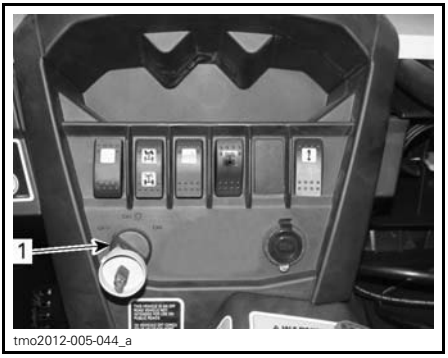


SECONDARY CONTROLS

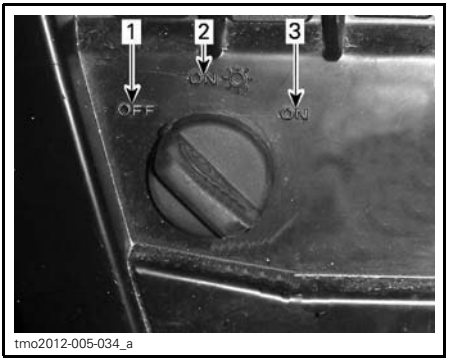
1) Power Switch and Key

Power Switch

The power switch is located on the upper console area.



TYPICAL
1. *Power switch*



TYPICAL - POWER 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.

NOTICE Always turn key to OFF position when vehicle is not used. Otherwise, battery drainage will occur and may lead to permanent failure of batteries.

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 motor controller is initialized.

ON

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

Key

The vehicle is delivered with two keys.

The key contains an electronic circuit that gives it a unique electronic serial number (digitally encoded security system).

The D.E.S.S. system reads the key code and allows motor operation for key it recognizes.

⚠ WARNING

To prevent vehicle unauthorized used, always remove key from power switch.

2) Multifunction Lever

Low/High Beam Selection

When the multifunction lever is in the middle position, the low beam is selected.

Push the multifunction lever forward to select high beam.

Pull back the multifunction lever to return to low beam.

NOTE: The power switch must be set to ON with lights position to turn on the headlights.

Headlight Flashing

To flash the high beams while in low beams, pull on the multifunction lever.

Horn Activation

The horn can be activated by pushing the end of the multifunction lever toward the steering wheel.

Turn Signal Activation

To activate the LH turn signals, push down the multifunction lever.

To activate the RH turn signals, push up the multifunction lever.

Reposition the multifunction lever in the middle position to stop turn signal.

NOTE: There is no auto-cancel feature on the turn signals.

3) Hazard Warning Switch

TYPICAL
1. Hazard warning switch

The hazard warning switch is located on the upper console.

When activated, all the turn signal lights will flash.

4) 2WD/4WD Switch

4x4 Models Only

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

TYPICAL
1. 2WD/4WD switch

This switch selects 2 wheel drive or 4 wheel drive mode when the vehicle is stopped and the motor 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.

NOTE: Above 2.5 km/h (2 MPH), the 4WD/2WD switch cannot be activated and the differential lock settings will not be taken into account.

5) ECO Mode Switch

The ECO mode switch is located on the upper console.

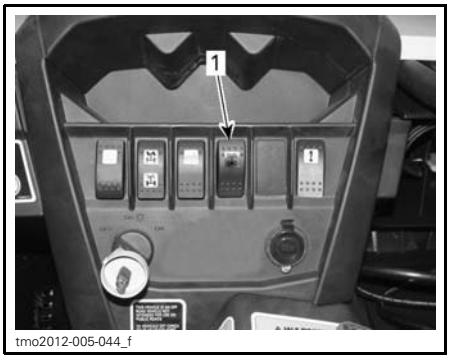
TYPICAL
1. ECO mode switch

The ECO mode maximizes vehicle range.

The ECO mode maximizes vehicle autonomy and limits maximum speed to approximately 23 km/h (14 MPH).

6) Rear Differential Lock Switch

The rear differential lock switch is located on the upper console.



TYPICAL
1. Differential switch

The differential lock switch enables locking of the rear differential.

NOTICE The vehicle must be stopped to engage or disengage the differential switch. Mechanical damage may occur if switch is engaged or disengaged while driving.

NOTE: By default the rear differential is unlocked when power switch is turned from the OFF position to the ON position.

To Lock Rear Differential

Stop vehicle.

With the power switch to ON position, press the differential lock switch.

NOTE: Above 2.5 km/h (2 MPH), the differential lock switch cannot be activated.

To Unlock Rear Differential

Stop vehicle.

Press the differential lock switch

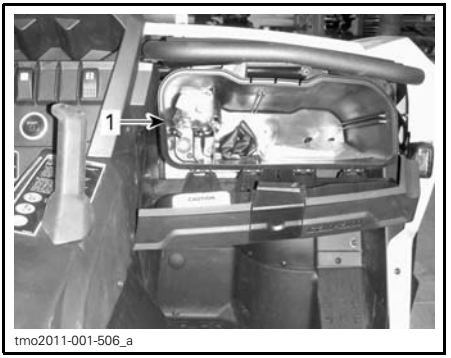
NOTE: Above 2.5 km/h (2 MPH), the differential lock switch cannot be activated.

7) Winch Switch (Option)

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

TYPICAL
1. Winch switch

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



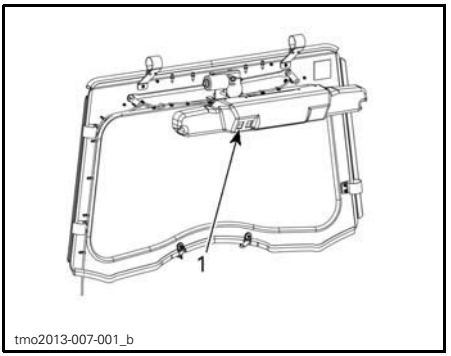
TYPICAL
1. Remote control

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

NOTE: Extensive use of the winch will discharge the batteries and reduce the vehicle autonomy.

8) Wiper Switch

Models with Glass Windshield



1. Wiper switch

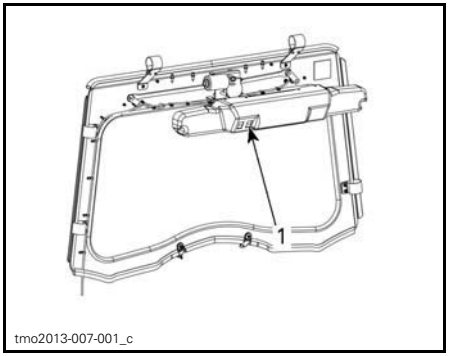
The wiper switch is located on the top near roll cage.

Press on the wiper switch to activate wiper.

Depress on the wiper switch to stop wiper.

9) Windshield Washer Switch

Models with Glass Windshield



1. Windshield washer switch

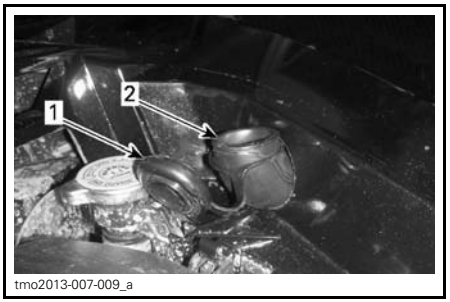
The windshield washer switch is located on the top near roll cage.

Press on the windshield washer switch to activate windshield washer dispenser.

Filling Windshield Washer Reservoir

Open windshield washer reservoir cap.

Fill reservoir.



1. Windshield Washer reservoir cap
2. Windshield washer reservoir

MULTIFUNCTION GAUGE (ANALOG/DIGITAL)

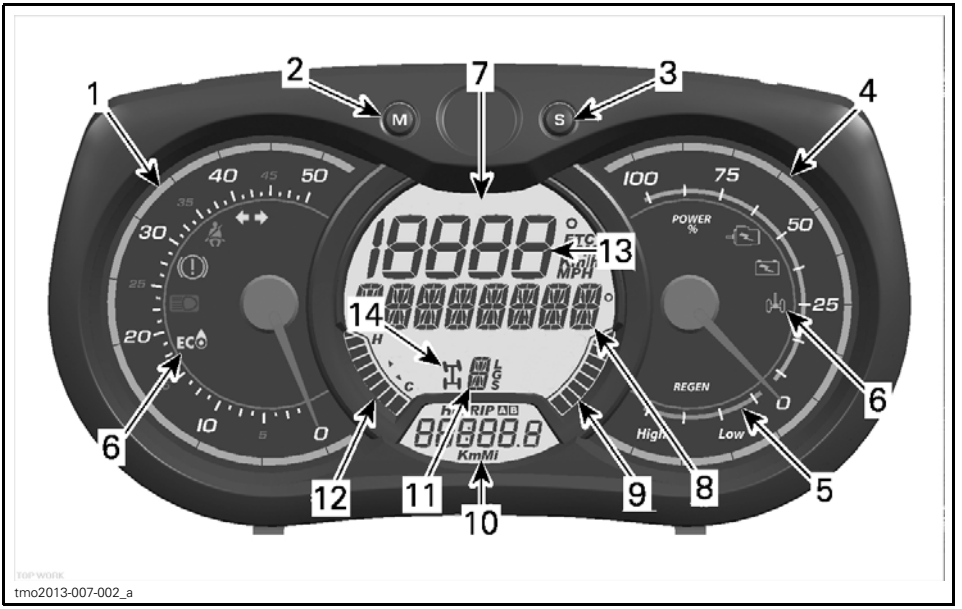
Multifunction Gauge Description

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 power regeneration scale).

The motor temperature and battery level bar graphs are comprised in the digital gauge.

The indicators lamps are comprised in both analog gauges.



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⚠ 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 main digital display.

FUNCTION SEQUENCE	OPTIONS
Numerical Display is flashing	Press SET (S) to scroll and select desired function and press MODE (M) to confirm
Multifunction display is flashing	Press SET (S) to scroll and select desired function and press MODE (M) to confirm

3) SET (S) Button

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

FUNCTION SEQUENCE	INFORMATION DISPLAYED
Clock	XX:XX (24:00 time base) XX:XX A or P (12:00 AM/PM time base)
Motor hour meter	XXXXX.X
Hour Trip meter	XXXXX.X
Trip distance — odometer A (TRIP A)	XXXXX.X km or mi
Trip distance — odometer B (TRIP B)	XXXXX.X km or mi

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

4) Power Consumption Scale

Displays real time energy consumption rate.

5) Analog Power-Regen Scale

Displays real-time energy regeneration rate.

6) Indicator Lamps

Indicator lamps will inform you of various conditions or problems.

INDICATOR LAMP(S)		DESCRIPTION
All indicator lamps	ON	Gauge self-test function on power-up.
	ON	Driver's seat belt is not latched. Vehicle speed is below 10 km/h (6 MPH).
	Flash	Driver's seat belt is not latched. Vehicle speed is above 10 km/h (6 MPH). Vehicle speed will be limited to approximately 15 km/h (9 MPH). Motor torque is limited.
	ON	AC power connected, brake pedal and accelerator pedal depressed at the same time
	ON	Headlights in the HIGH beam position
	ON	ECO Mode engaged
	ON	Check motor
	ON	Low battery charge
	ON	Rear differential locked.
	Flashing	Turn signal or hazard warning lights flashing

⚠ WARNING

Passenger seat belt is not monitored.

7) Main Digital Display

The main digital display contains:

- Multifunction display
- Energy level indicator
- Gearbox position indicator
- Motor Temperature Indicator
- Numerical display
- 2WD/4WD indicator

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 motor 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 and vehicle speed is over 5 km/h (3 MPH).
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.
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 motor torque is limited and the vehicle maximum speed is approximately 15 km/h (9 MPH).
ECO MODE ACTIVE	Displayed when the ECO button is pressed.
DIFFERENTIAL LOCK	Displayed when differential lock button is pressed

8) Multifunction Display

The vehicle speed, the motor current and the motor RPM can be displayed. Refer to MODE (M) BUTTON in this section.

9) Battery State of Charge

Bar graph that continuously indicates the level of energy left in the batteries.

10) Secondary Digital Display

Displays useful real time information to the rider. For display function informations, refer to *SET (S) BUTTON*.

11) Drive Mode Position Indicator

Displays the selected mode position.

12) Motor Temperature Indicator

Bar graph that continuously indicates the motor housing temperature.

13) Numerical Display

The vehicle speed or the motor power output can be displayed. Refer *MODE (M) BUTTON*.

14) 2WD/4WD Indicator

4x4 Model Only

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

Gauge Setup

Setting Metric/Imperial Units

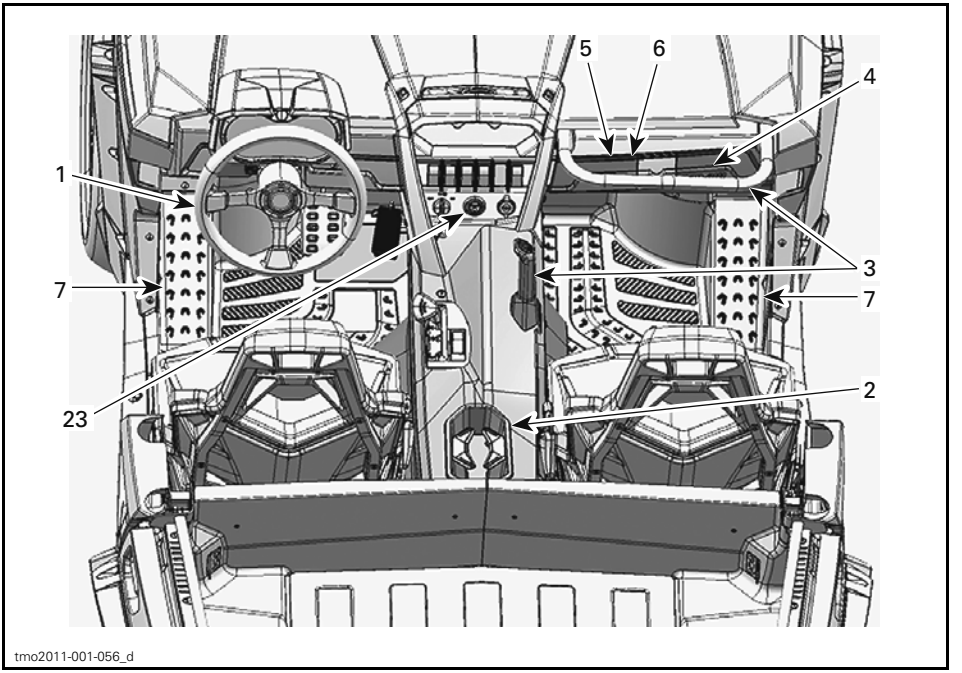
Go see a Can-Am dealer for adjustments.

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.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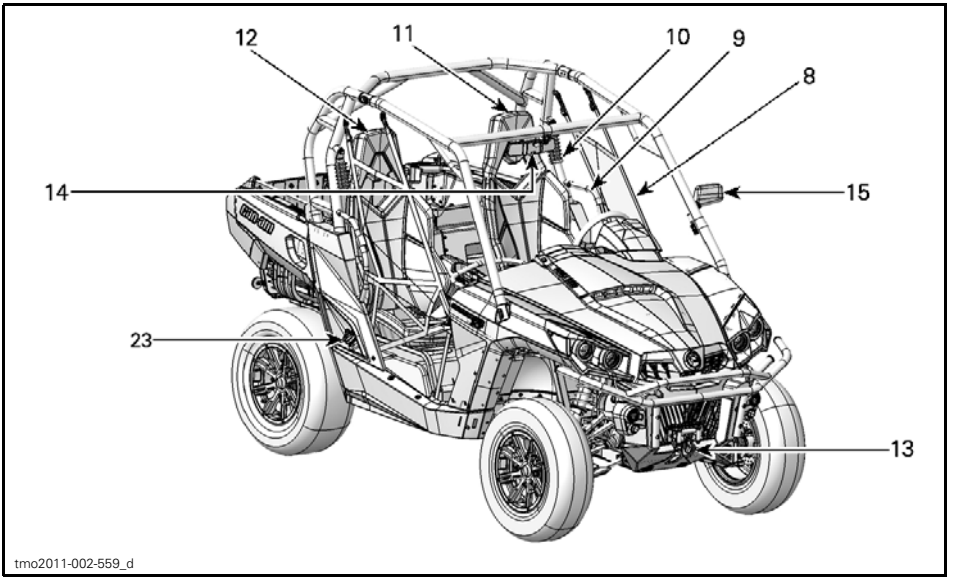
TYPICAL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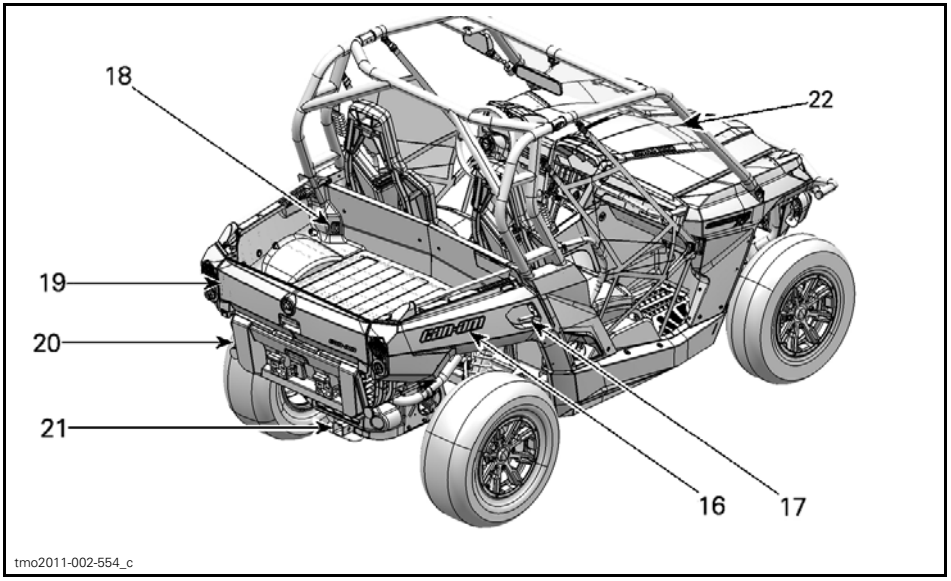


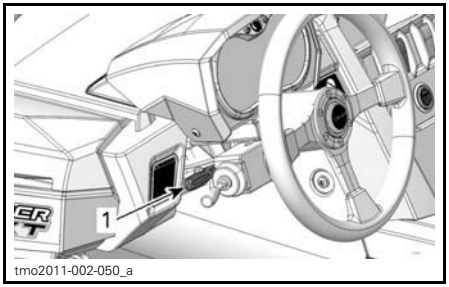
1) Tilt Steering

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.



TYPICAL
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.

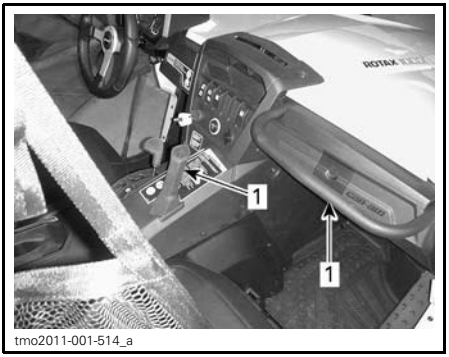
1. Cup holders

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.



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1. Passenger handholds

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.

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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 (Option)

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.

NOTE: Extensive use of the winch will discharge the batteries and reduce the vehicle autonomy.

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.

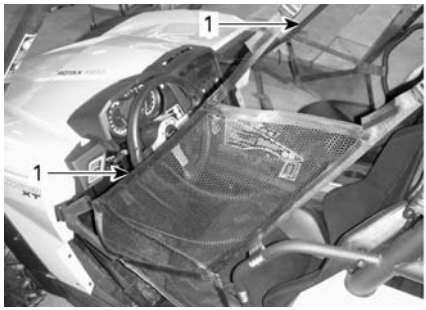
Always wear appropriate footwear. See *RIDING GEAR* subsection.

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 nets

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.

TYPICAL
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 or tipovers to help keep passengers in the cockpit.

⚠ WARNING

Fasten seat belts properly at all times. Seat belts reduce the risk of injury in a crash and help keep limbs inside the cockpit in a rollover or any accidents.

If driver's seat belt is not fastened:

– Vehicle speed is limited.
– Motor torque is limited.

⚠ WARNING

The vehicle may reach higher speed depending on inclines.

⚠ WARNING

The passenger seat belt is not monitored. The driver is responsible of the passenger safety and should ensure the passenger buckles the seat belt.

Fastening and Adjusting the Seat Belt

Insert the seat belt latch plate into the buckle, then pull the belt to ensure it is properly locked.

Position the belt as low as possible across your hips. Then, pull the belt against your shoulder for a snug fit.

NOTE: Slide the latch as required to adjust the seat belt.

⚠ WARNING

Wear seat belt properly. Make sure it is not twisted or defective.

To release the seat belt, push on the buckle button.

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.

The driver's seat can be removed easily:

– Tilt seat forward by releasing latch between seat cushion and backrest.
– Pull seat 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) Winch (Option)

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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TYPICAL - WINCH

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

NOTE: Extensive use of the winch will discharge the batteries and reduce the vehicle autonomy.

14) Central Mirror

This vehicle comes equipped with a central mirror.

The mirror can be adjusted to suit driver's preference.

⚠ WARNING

Do not adjust mirror while riding. You could lose control.

15) LH Side Mirror

This vehicle comes equipped with a LH side mirror.

The mirror can be adjusted to suit driver's preference.

⚠ WARNING

Do not adjust mirror while riding. You could lose control.

16) Cargo Box

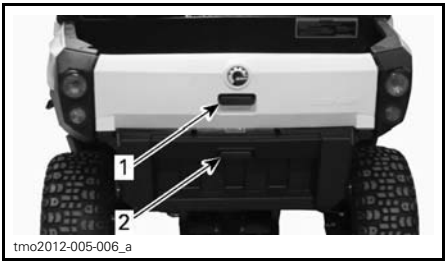
The vehicle is equipped with a 2 level inclinable cargo box. The cargo box may be used for various types of cargo.

⚠ 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.

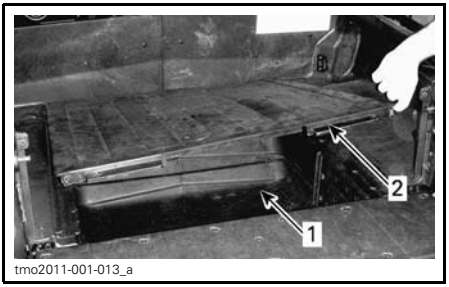
NOTE: On models with the factory installed option 12-battery pack, the batteries are located in the lower section of the cargo box. The lower section of the cargo box can not be used as a storage area.



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

All Models Except with Factory Installed Option 12-battery Pack

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.



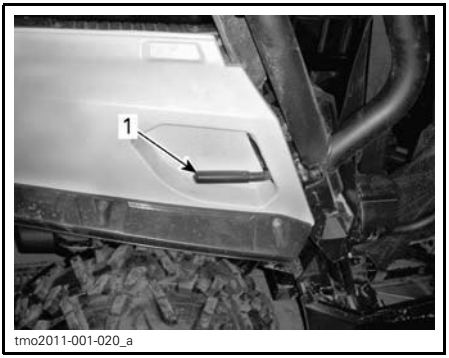
1. *Increased cargo volume*
2. *Floor/separator*

CARGO AREA WITHOUT FLOOR/ SEPARATOR

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

17) 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*

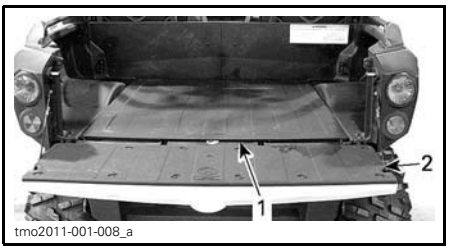
Refer to *CARRYING LOADS* in the *SAFETY INFORMATION* section.

18) Anchoring Hooks

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

19) Upper Tailgate

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



TYPICAL - 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.

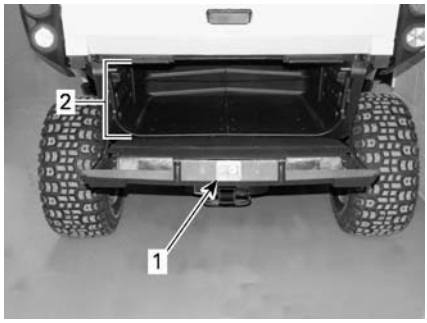
TYPICAL
1. *Upper tailgate hinge*

20) Lower Tailgate

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

TYPICAL - LOWER SECTION WITH LOWER TAILGATE

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



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TYPICAL
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.

21) Hitch support

The vehicle comes equipped with a 51 mm x 51 mm 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.

22) Windshield

The vehicle comes equipped with a windshield.

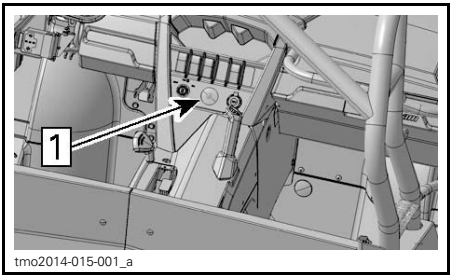
See an authorized Can-Am dealer for removal and installation instructions.

⚠ WARNING

Do not operate vehicle on public roads without windshield installed on vehicle.

23) Battery Charge Indicator Light

The vehicle comes equipped with a battery charge indicator light.



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1. Battery charge indicator light

When AC power is connected, the indicator light blinks when batteries are charging and turns ON when batteries are fully charged. For more details, refer to *BATTERY CHARGING* in this section.

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

To adjust compression setting, proceed as follows:

Use tool provided in tool kit to adjust suspension to the desired position.

FRONT SUSPENSION FACTORY SETTINGS	
ADJUSTMENT	FACTORY SETTING
Spring preload	Cam position 1 (soft)

REAR SUSPENSION FACTORY SETTINGS	
ADJUSTMENT	FACTORY SETTING
Spring preload	Cam position 1 (soft)

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.

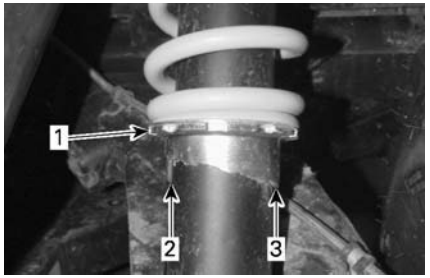
⚠ WARNING

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.

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*

BATTERIES

Battery Notice

⚠ WARNING

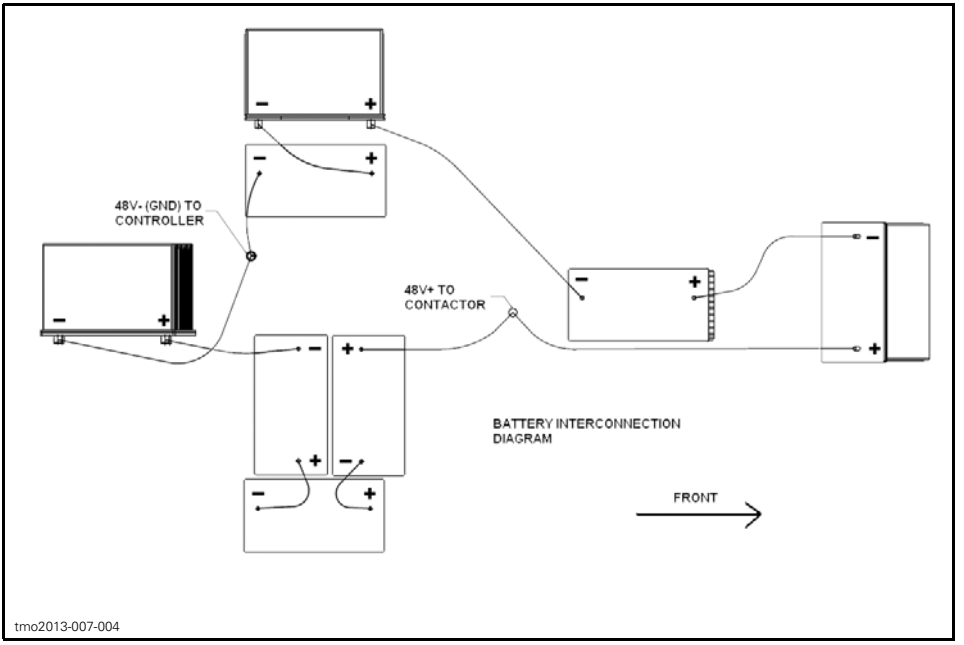
Batteries should be serviced by an authorized Can-Am dealer.

⚠ WARNING

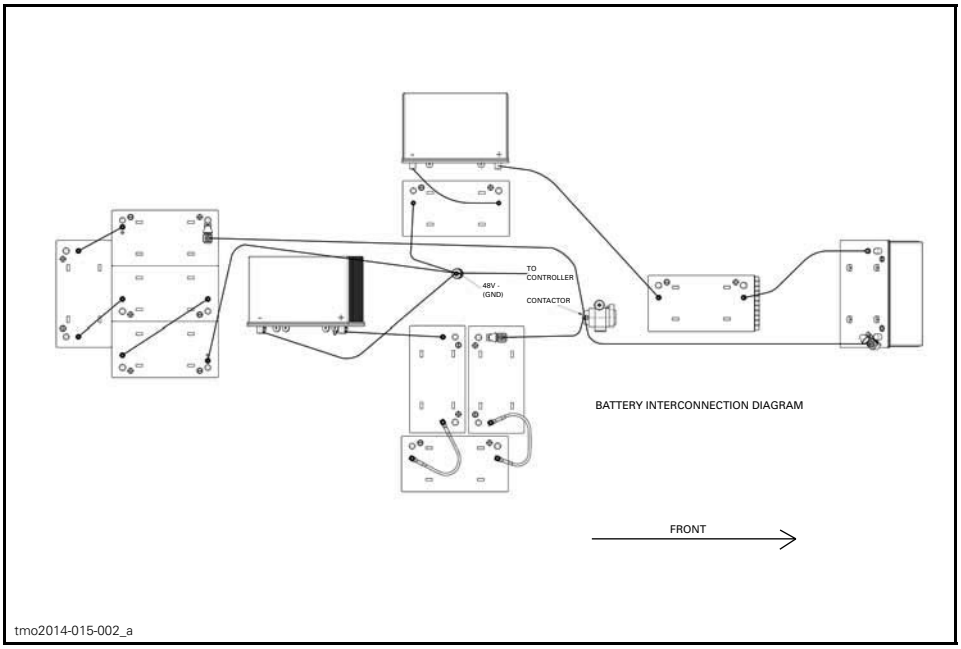
Have your battery pack inspected and voltage checked by a Can-Am dealer after an accident or a severe impact.

Battery Connection Diagrams

Vehicles with 8 Batteries



Vehicles with 12 Batteries (Factory Installed Option)



Battery Break-in

A break-in period equal to 15 complete discharges is required before batteries will reach their full battery performance.

NOTE: There is no obligation to fully discharge the batteries during the break-in period. Batteries can be recharged at any time. In this case, battery break-in will be completed once the discharge/charge cycles equals 15 complete discharge/charge cycles.

Battery Locations

Batteries are in the following locations:

- Under driver's seat (2)
- Under passenger's seat (3)
- Under central console in front of motor (1)
- Behind front bumper (1)
- Behind passenger's compartment, under cargo box (1)
- In lower section of cargo box (with factory installed option 12-battery pack)

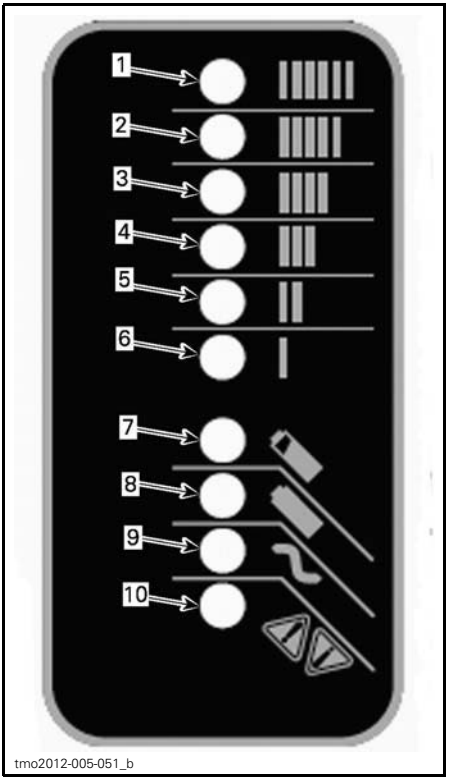
Battery State of Charge

For optimum batteries performance and life span, batteries should be kept fully charge when vehicle is not in use.

Keep vehicle battery charger plugged to a 110 V AC outlet .

The on-board battery charger indicates the battery state of charge

NOTE: To access the on-board battery charger, remove the service cover in front of the vehicle.



10 LED DISPLAY
1. *Ammeter 6 bars*
2. *Ammeter 5 bars*
3. *Ammeter 4 bars*
4. *Ammeter 3 bars*
5. *Ammeter 2 bars*
6. *Ammeter 1 bars*
7. *80% charge complete*
8. *100% charge complete*
9. *AC ON indicator*
10. *FAULT indicator*

Ammeter (Amber)

Solid: Displays approximate scale of current output during charging.

Approximate current indicated by each Ammeter LED:

INDICATOR BARS	CURRENT (A)
6 bars	18
5 bars	15
4 bars	12
3 bars	9
2 bars	6
1 bars	3

Note:
- A flashing "I" indicates the current output is well below the "I" level.
- These are approximate levels.

A flashing indicator bar denotes a high internal temperature. The current output is reduced to the flashing indicator level.

80% Charge (Amber Display)

Solid: Bulk charge phase complete, 80% charge reached. Charger begins absorption phase.

100% Charge (Green Display)

Solid: Charging complete. Charger begins maintenance mode.

Flashing: Absorption phase complete. Charger completes finish phase

AC ON (Amber Display)

Solid: Vehicle is connected properly and batteries are charging.

Flashing: Low AC Voltage, check voltage and verify extension cord for any damage and make sure it meets the requirements. Refer to *BATTERY CHARGING*.

Fault (Red)

Flashing: Charger error. Contact an authorized Can-Am dealer.

Battery Charging

Batteries require a minimum of 8 hours of charge when fully discharged or 12 hours with the factory installed option 12 batteries.

BATTERY CHARGING REQUIREMENT
110/220 V AC grounded outlet
Extension cord: 10 GA, max length 30 m (100 ft) (not provided)

An indicator light on the dashboard indicates when the vehicle is supplied with AC current for charging the batteries.

NOTICE **Do not charge batteries when temperature is below -10°C (14°F) as this will reduce battery life.**

⚠ WARNING

Never charge a frozen or damaged battery.

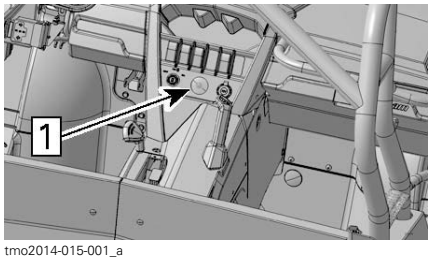
1. Place shift lever to the (P) park position and turn key to the OFF position.
2. Connect a 10 gauge extension cord no longer than 30 m (100 ft) to vehicle charge port.

⚠ CAUTION

- **Inspect extension cord**
- **Ensure to use a ground protected outlet**
- **Use only an approved extension cord.**

3. Connect 10 gauge extension cord to power outlet.
4. Allow battery to charge completely.

An indicator light on the dashboard indicates when the vehicle is supplied with AC current for charging the batteries.



1. Battery charge indicator light

INDICATOR LIGHT	STATUS
Green/blinking	Charging
Green/ON	Charging completed
Red	Error

Battery Operating Range

Battery Operating Range is affected by:

- Temperature
- Driving habits
- Terrain
- Riding conditions
- Vehicle load
- Electrical accessory loads
- Battery wear

⚠ WARNING

Always ensure you have sufficient charge to complete your round trip or reach your destination.

Operating in Cold Temperatures

Operating in cold temperatures will greatly reduce or affect the range of the vehicle.

Take reduced autonomy into consideration when planning trips in cold temperatures.

NOTE: Vehicle usage below -20°C (-4°F) will greatly reduce battery autonomy and life.

Operating in Very Hot Temperatures

Operating for prolonged periods of time in very hot temperatures will reduce battery total life expectancy.

NOTE: Battery life decreases as the temperature rises above 25°C (77°F).

What to do if Vehicle Rolled Over

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

Should the vehicle roll over, verify no components were damaged and battery connections are still locked in. Follow *PRE-RIDE INSPECTION* procedures and restart vehicle.

If components were damaged, have vehicle transported to your nearest Can-Am dealer.

⚠ WARNING

Never operate vehicle if damaged.

⚠ WARNING

After any accidents or impact, have your batteries inspected and your battery voltage checked by your nearest Can-Am dealer.

What to do if Vehicle is Submerged

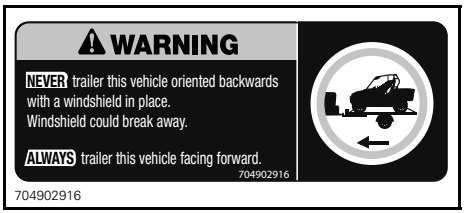
Should the vehicle become immersed, it will be necessary to have it transported to an authorized Can-Am dealer as soon as possible.

NOTICE Never turn the switch to one of the ON positions until vehicle is inspected.

Transporting the Vehicle on a Trailer or a Flat Bed Platform

If the vehicle is transported on a trailer, it must be of the proper size and capacity.

Follow all safety regulations in accordance with the local laws.



SAFETY LABEL LOCATED BEHIND WINDSHIELD ON DRIVER SIDE

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

1. Turn key to the ON position.
2. Shift the vehicle into NEUTRAL (N) to release the parking brake.

Vehicle Equipped with a Winch

NOTICE Do not use winch if vehicle was submerged.

3. Pull the vehicle on the trailer using the winch.
   - 3.1 Attached winch cable hook to trailer.
   - 3.2 Go to next step in All Vehicles.

Vehicle Not Equipped with a Winch

4. Secure with straps, proceed as follows:
   - 4.1 Put a strap around the lower arm of each front suspension.
   - 4.2 Attach the straps to the winch cable of the towing vehicle.
   - 4.3 Pull the vehicle on the trailer with the winch.

All Vehicles

5. Put key to the OFF position and remove it from the power switch.
6. Strap the front tires by using tire towing straps.

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

7. Pass a tie-down strap inside each rear wheel.
8. Firmly attach the rear wheels tie-down straps to both sides of the rear of the trailer with ratchets.
9. Ensure that both the front and rear wheels are firmly attached to the trailer.

WARNING

Make sure no loose objects are present inside vehicle or in cargo box during vehicle transportation.

Towing the Vehicle Behind a Tow Vehicle

WARNING

If the vehicle is equipped with a windshield, transport it facing forward to avoid damaging the windshield.

NOTE: Towing is limited to trails. Use a suitable trailer or platform for on road transportation

NOTICE When towing without a trailer, do not tow this vehicle above 40 km/h (25 MPH). Doing so can seriously damage the vehicle's drive system.

WARNING

Make sure no loose objects are present inside vehicle or in cargo box during vehicle transportation.

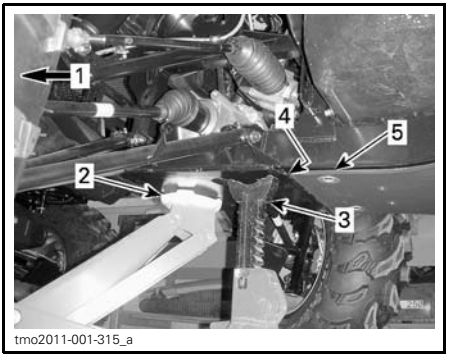
Front of Vehicle

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.



TYPICAL
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.

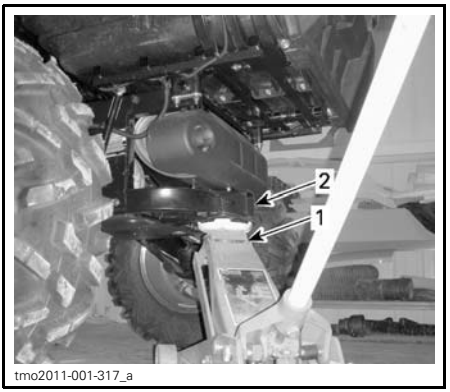
Rear of Vehicle

Place vehicle on a flat non slippery ground.

Activate 4WD mode.

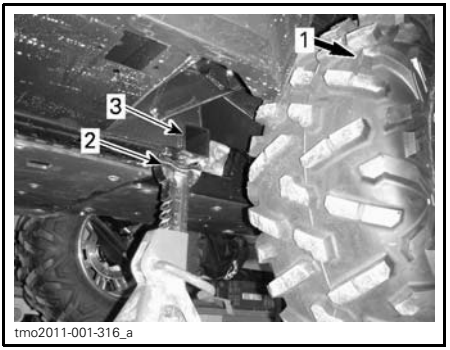
Ensure vehicle shift lever is set to PARK.

Install an hydraulic jack under the trailer hitch.



TYPICAL
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.



TYPICAL
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

The vehicle should be inspected after the first 500 km (300 mi) or 25 hours of operation, 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	INSPECT	CLEAN	LUBRICATE	TIGHTEN	ADJUST	REPLACE
MOTOR						
Motor connection	X			X		
GEARBOX						
Gearbox oil	X					
ELECTRICAL SYSTEM						
Battery connections	X			X		
DRIVE SYSTEM						
Front/rear differential oil	X					
Front/rear differential (seals and vents)	X					
Front and rear propeller shaft joints	X		X			

BREAK-IN INSPECTION CHART	INSPECT	CLEAN	LUBRICATE	TIGHTEN	ADJUST	REPLACE
WHEEL						
Wheel nuts/studs	X			X		
Wheel bearings	X			X		
STEERING SYSTEM						
Steering system (column, bearing, etc.)	X					
Front wheel alignment	X					
BRAKES						
Brake fluid	X					
Parking brake	X	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 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 1 000 KM (600 MI) OR 50 HOURS OF OPERATION (WHICHEVER COMES FIRST)
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
Verify brake fluid level
Inspect and clean park brake

EVERY 2 000 KM (1,200 MI) OR 100 HOURS OF OPERATION (WHICHEVER COMES FIRST)
Verify extension cord
Verify battery packs condition
Clean and inspect battery posts and connections
Inspect the front/rear differential 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
Inspect and lubricate the front suspension arms

EVERY 4 000 KM (2,400 MI) OR 200 HOURS OF OPERATION OR 1 YEAR (WHICHEVER COMES FIRST)
Inspect and clean seat belts (check for any damages and proper operation)
Inspect side nets (check for any damages and they must buckle properly)
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

EVERY 6 000 KM (4,000 MI) OR 300 HOURS OF OPERATION OR 2 YEARS (WHICHEVER COMES FIRST)
Replace the front differential oil
Replace gearbox oil
Replace the brake fluid

This section includes instructions for basic maintenance procedures listed in the *MAINTENANCE SCHEDULE*. 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 in-depth technical knowledge or special tools are best performed by your authorized Can-Am dealer.

⚠ WARNING

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

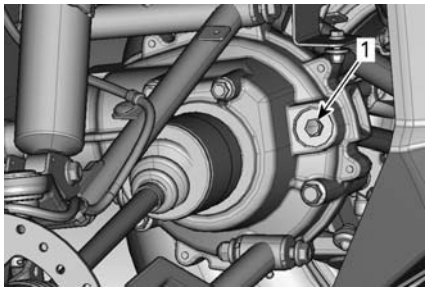
⚠ WARNING

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

Front and Rear Differential Oil

Front Differential Oil Level Verification

Clean filler plug prior to checking oil level.



FRONT RIGHT SIDE OF VEHICLE
1. Filler plug

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

Check oil level by removing filler plug. Oil level must be 20 mm (3/4 in) below threads.

It is possible to verify the oil level by inserting a wire with a 90° bend through the oil filler hole.

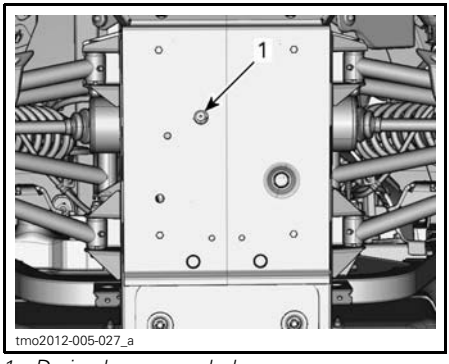
Reinstall filler plug with a NEW sealing ring.

TORQUE	
FILLER PLUG	65 N•m ± 5 N•m (45 lbf•ft ± 5 lbf•ft)

Front Differential Oil Replacement

Place vehicle on a level surface. Set shift lever in park position.

From underneath of vehicle, clean drain plug area.

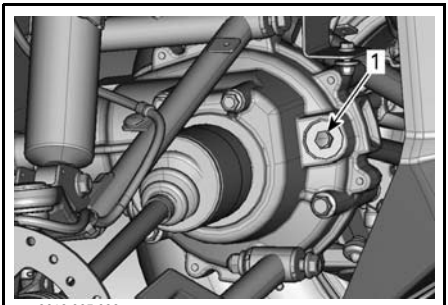


1. Drain plug access hole

Place a drain pan under the front differential.

Remove drain plug.

Unscrew filler plug.



FRONT RIGHT SIDE OF VEHICLE
1. Filler plug

Let fluid drain.

Install drain plug.

TORQUE	
DRAIN PLUG	4.5 N•m ± 0.5 N•m (37 lbf•**in** ± 7 lbf•**in**)

Refill front differential with recommended oil up to 20 mm (3/4 in) below threads.

CAPACITY	RECOMMENDED OIL
650 ml (22 U.S. oz)	XPS SYNTHETIC GEAR OIL (75W 90) (P/N 293 600 043) or a 75W 90 (API GL-5) gear oil

Reinstall filler plug.

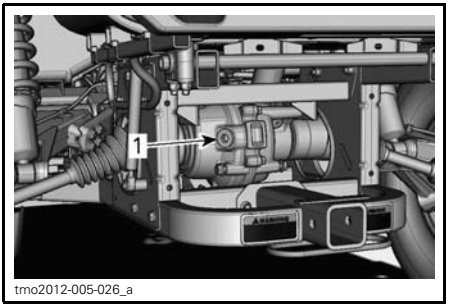
TORQUE	
FILLER PLUG	65 N•m ± 5 N•m (45 lbf•ft ± 5 lbf•ft)

Rear Differential Oil Level Verification

Ensure vehicle is on a level surface. Select PARK position

Clean filler plug area.

Remove filler plug.



LH REAR SIDE OF VEHICLE
1. Filler plug

Oil level is leveled with the bottom of oil filler plug threads when the vehicle is level on ground.

Reinstall filler plug.

TORQUE	
FILLER PLUG	65 N•m ± 5 N•m (45 lbf•ft ± 5 lbf•ft)

Rear Differential Oil Replacement

Ensure vehicle is on a level surface. Select PARK position

Remove the rear skid plate.

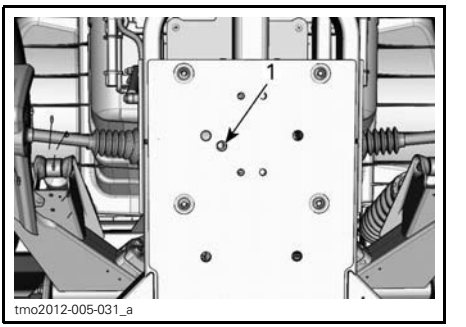
Clean filler and drain plug areas.

Place a drain pan under rear differential.

Unscrew filler plug.

Remove drain plug.

Let fluid drain.



UNDER VEHICLE
1. Drain plug

Install drain plug.

TORQUE	
DRAIN PLUG	7.5 N•m ± 0.5 N•m (66 lbf•**in** ± 4 lbf•**in**)

Refill the rear differential.

RECOMMENDED OIL	QUANTITY
XPS SYNTHETIC GEAR OIL (75W 90) (P/N 293 600 043) or a 75W 90 (API GL-5) gear oil	850 ml (29 U.S. oz)

Reinstall filler plug.

TORQUE	
FILLER PLUG	65 N•m ± 5 N•m (45 lbf•ft ± 5 lbf•ft)

Batteries and Electrical Components

⚠ WARNING

High risk of electrocution. Do not tamper with electrical components or cables. Servicing electrical components should be done by an authorized Can-Am dealer.

Fuses

Fuse Replacement

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

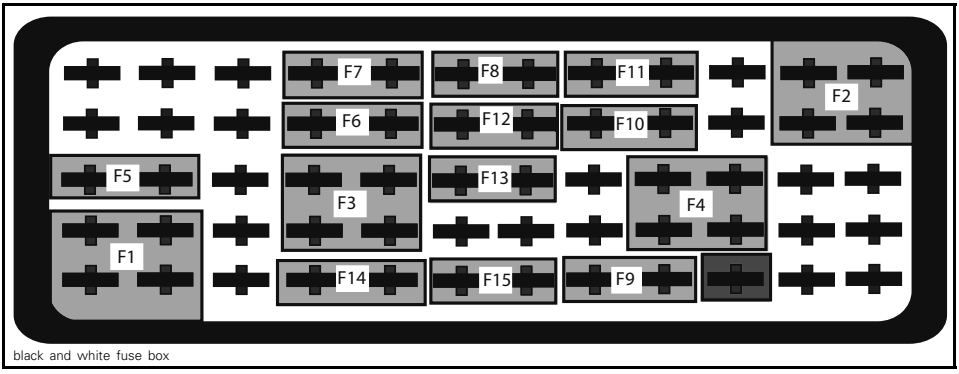
NOTICE Do not use a higher rated fuse as this can cause severe damage.

Fuse Box Location

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

TYPICAL
1. Fuse box location

Fuse Box Description



black and white fuse box

MAIN FUSE BOX		
NO	DESCRIPTION	RATING
F1	Lamp relay (RL)	20 A
F2	Tail lamp relay (RT)	20 A
F3	Bypass Drive (BP1)	10 A
F4	Main Relay (RM)	20 A
F5	Fuse key (FK)	5 A
F6	Fuse speedo (FS)	15 A
F7	Fuse lamp (FL)	20 A
F8	Fuse CE kit (FCE)	5 A
F9	Fuse accessory (FACC)	5 A
F10	Fuse outlet 2 (FDC2)	15 A
F11	Fuse outlet 1 (FDC1)	15 A
F12	Fuse unswitched (FU)	15 A
F13	Fuse VCM low power (FVCM)	5 A
F14	Fuse bypass Drive (FBP1)	10 A

NOTE: Fuses are identified inside fuse box cover.

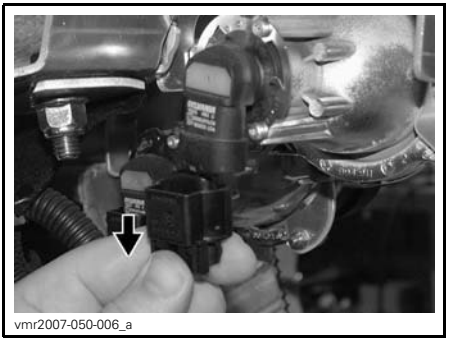
Lights

Always check light operation after replacement.

Headlight Replacement

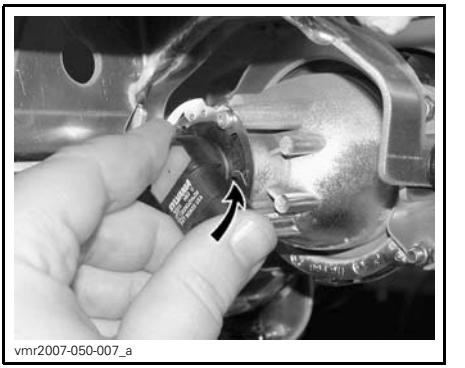
NOTICE **Never touch glass portion of a halogen bulb with bare fingers, it shortens its operating life. If glass is touched, clean it with isopropyl alcohol which will not leave a film on the bulb.**

Unplug connector from bulb.



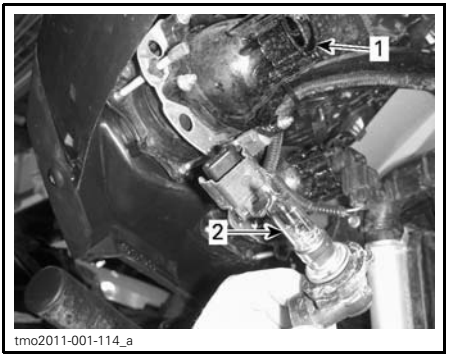
TYPICAL

Rotate bulb.



TYPICAL

Pull out bulb.



1. *Light bulb socket*
2. *Light bulb*

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

Validate headlights operation.

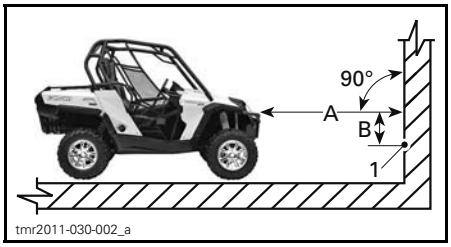
Headlamp Beam Aiming

Select high beam.

Beam aiming is correct when center of high beam is 130 mm (5 in) below the headlight horizontal center line, scribed on a test surface, 5 m (16 ft) away.

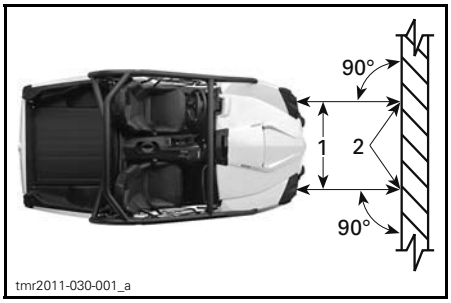
NOTE: Load vehicle as per normal use.

Measure headlight center distance from the ground. Scribe a line at this height on test surface (wall or screen). Light beam center should be 130 mm (5 in) below scribed line.



1. Light beam center

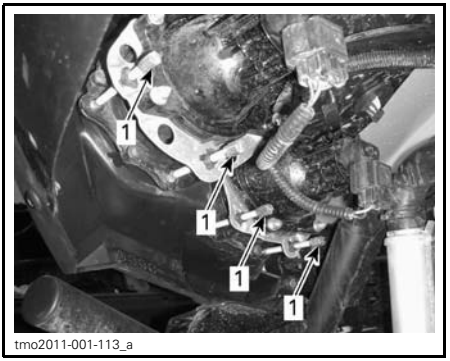
A. 5 m (17 ft)
B. 131 mm (5 in)



1. Headlight center lines
2. Light beam center

Beam Aiming Adjustment

Turn adjustment screws to adjust beam height and side orientation as described below. Adjust both headlight evenly.

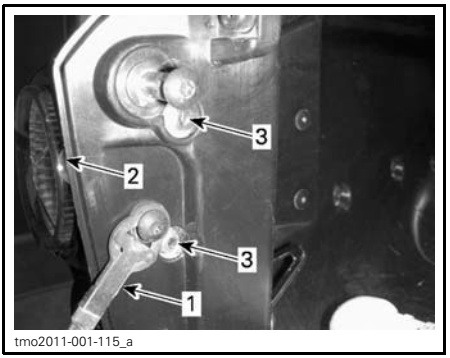


1. Adjustment screws

Taillight Replacement

Open upper tailgate.

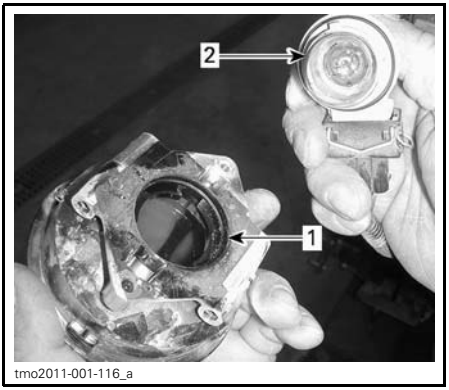
Remove both taillight retaining screws.



TYPICAL
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.

Position Lights Bulbs Replacement

Pull bulb out.

Installation is the reverse of removal.

Drive Shaft Boot and Protector

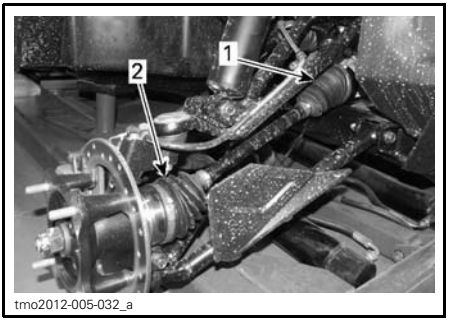
Drive Shaft Boot and Protector Inspection

Visually inspect drive shaft protectors and boots conditions.

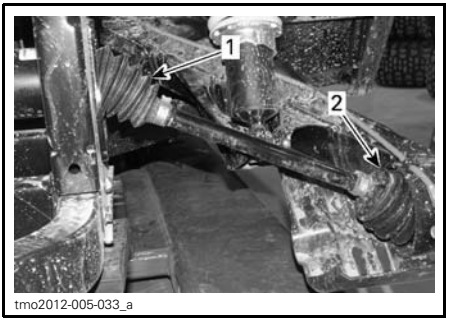
Check protectors for damage or rubbing against shafts.

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

Repair or replace damaged parts as necessary.



FRONT OF VEHICLE - WHEEL REMOVED FOR CLARITY
1. Inner drive shaft boots
2. Outer drive shaft boot



REAR OF VEHICLE - WHEEL REMOVED FOR CLARITY
1. Inner drive shaft boot
2. 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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TYPICAL

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.

TORQUE	
Wheel lug nuts	100 N•m ± 10 N•m (74 lbf•ft ± 7 lbf•ft)

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TYPICAL - 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 or dislodge from the rim. 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 (COLD)	
MINIMUM	124 kPa (18 PSI)
MAXIMUM	

NOTE: A flat may 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

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

⚠ 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.
- Tires should be replaced, by an experienced person, in accordance with tire industry standards and tools.

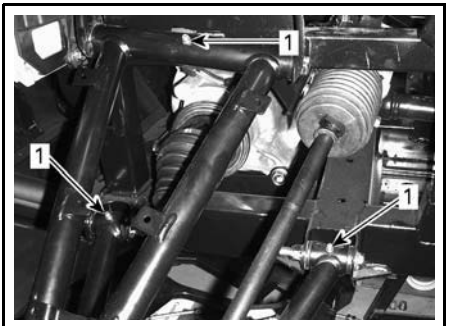
Suspensions

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.



TYPICAL - FRONT SUSPENSION
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.

Propeller Shaft U-Joint

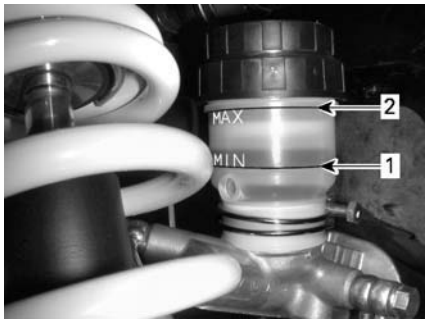
Propeller Shaft U-Joint Lubrication

PROPELLER SHAFT U-JOINT LUBRICATION
Use propeller shaft grease p/n 293 550 063 or an equivalent hi-temp bearing grease NLGI-2

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.



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TYPICAL
1. *MIN*
2. *MAX*

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

Adding Brake Fluid

Remove the filler cap.

⚠ WARNING

Clean filler cap before removing. Use only DOT 4 brake fluid from a sealed container.

NOTICE **When topping off the brake fluid reservoir, use a clean funnel to avoid brake fluid contamination.**

1. Add fluid to MAX level.

NOTICE **Brake fluid can damage painted surfaces or plastic parts. Wipe up any spills.**

2. Reinstall filler cap as follows:
   - 2.1 Check that V slit is in good condition.
   - 2.2 Ensure diaphragm are properly positioned.

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.

Seat Belts

Seat Belt Cleaning

To clean dirt and debris from the seat belts, sponge the straps with mild soap and water. Do not use bleach, dye, or household detergents.

⚠ WARNING

Do not use pressure washer to clean seat belt components. Use of pressure washer can permanently damage seat belt components.

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 damage to electrical or mechanical components.

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:

- Shock absorbers
- Around front and rear differentials
- Around and underneath motor 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 not in use, leave vehicle connected to keep batteries fully charged at all times.

Check battery charging indicator periodically to ensure batteries are kept fully charged during storage period.

NOTICE **Not keeping battery charged for a prolonged period of time will lead to premature battery failure.**

Vehicle should be stored in a moderate temperature environment. Avoid extreme temperatures.

NOTICE **Storing vehicle in temperatures below -30°C (-22°F) or above 30°C (86°F) will shorten battery life.**

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

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

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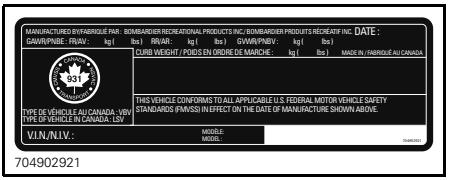
TECHNICAL INFORMATION

VEHICLE IDENTIFICATION

The main components of your vehicle (motor 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 motor identification number (M.I.N.) or vehicle identification number (V.I.N.) 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



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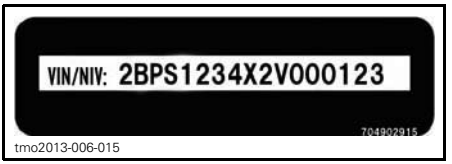
TYPICAL — VEHICLE SERIAL NUMBER LABEL UNDER GLOVE BOX



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TYPICAL - LOCATED BEHIND FRONT RIGHT HAND WHEEL AND ON FRAME UNDER CARGO BOX

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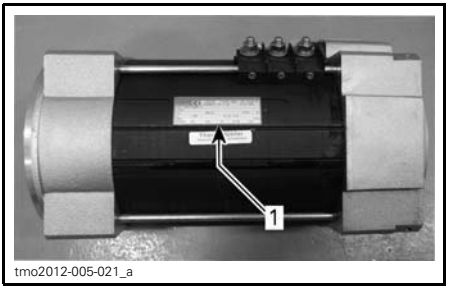
TYPICAL - V.I.N PLATE NEAR WINDSHIELD ON DRIVER'S SIDE

Motor Identification Number



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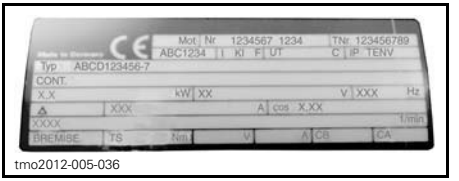
TYPICAL — MOTOR SERIAL NUMBER LABEL
1. M.I.N. (Motor Identification Number)



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MOTOR SERIAL NUMBER LABEL

SPECIFICATIONS

MODEL		COMMANDER Electric
MOTOR		
Motor type		48 V AC Induction motor
Motor power rating		8.3 KW
Motor RPM limiter setting in High mode		6400 RPM MAX
BATTERIES		
Type		AGM Sealed Lead-Acid Batteries
Rated voltage		12 volts (48 volts for vehicle and motor total)
Charging		110 or 220 V AC grounded power outlet
GEARBOX		
Type		Helicoidal gears
Gearbox oil	Capacity	450 ml (15 U.S. oz)
	Recommended	XPS synthetic gear oil (P/N 293 600 043) or a 75W 90 API GL-5
ELECTRICAL SYSTEM		
Headlights		4 x 60 W
Taillight		2 x 8/26 W
Fuses	Lamp relay (RL)	20 A
	Tail lamp relay (RT)	20 A
	Bypass Drive (BP1)	10 A
	Main Relay (RM)	20 A
	Fuse key (FK)	5 A
	Fuse speedo (FS)	15 A
	Fuse lamp (FL)	20 A
	Fuse CE kit (FCE)	5 A
	Fuse accessory (FACC)	5 A
	Fuse outlet 2 (FDC2)	15 A
	Fuse outlet 1 (FDC1)	15 A
	Fuse unswitched (FU)	15 A
	Fuse VCM low power (FVCM)	5 A
	Fuse bypass Drive (FBP1)	10 A

MODEL			COMMANDER Electric
DRIVE SYSTEM			
Drive system type			Selectable 2WD/4WD
Front/rear Differential oil	Capacity	Front	650 ml (22 U.S. oz)
		Rear	850 ml (28.7 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 (75W 90 API GL-5) (P/N 293 600 043) or synthetic oil 75W 90 API GL5
Front drive (4WD models)			Open front differential
Front drive ratio (4WD models)			3.7:1
Rear drive			Electrically Controlled Locking rear differential
Rear drive ratio			3.7:1
CV joint grease			CV joint grease (P/N 293 550 019)
Propeller shaft grease			Propeller shaft grease (P/N 293 550 063)
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		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		Oil 5 settings

MODEL			COMMANDER Electric
BRAKES			
Front brake	Type		Dual 214mm ventilated disc brakes with hydraulic twin-piston calipers
Rear brake	Type		Dual 214 mm ventillated disc brakes with hydraulic single piston calipers
Brake fluid	Capacity		125 ml (4.2 U.S. oz)
	Type		DOT 4
Caliper			Floating
Brake pad material	Front		Metallic
	Rear		Organic
Minimum bake pad thickness			1 mm (.039 in)
Minimum brake disc thickness	Front		4 mm (.157 in)
	Rear		4 mm (.157 in)
Maximum brake disc warpage			0.2 mm (.008 in)
TIRES			
Pressure (min/max)		Front	124 kPa (18 PSI) / 124 kPa (18 PSI)
		Rear	124 kPa (18 PSI) / 124 kPa (18 PSI)
Minimum tire thread depth			3 mm (.118 in)
Tire size		Front	26 x 9 x 14 (in)
		Rear	26 x 11 x 14 (in)
WHEELS			
Type			Aluminum
Rim size		Front	14 x 7 (in)
		Rear	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
Hitch support			50.8 mm (2 in) x 50.8 mm (2 in)

MODEL			**COMMANDER Electric**
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			29.2 cm (11.5 in)
LOADING CAPACITY AND WEIGHT			
Dry weight (models without accessories)			850 kg (1,874 lb)
Weight distribution (front/rear)			40 / 60
Cargo box capacity (with 8 batteries)	Total		272 kg (600 lb)
	Upper		181 kg (400 lb)
	Lower		272 kg (600 lb)
Cargo box capacity (with factory installed option 12 batteries)	Total		136 kg (300 lb)
	Upper		136 kg (300 lb)
	Lower		0 kg (0 lb)
Total vehicle load allowed (including driver, passenger, all other loads and added accessories)		Vehicles with 8 batteries	363 kg (800 lb)
		Vehicles with 12 batteries (factory installed option)	216 kg (475 lb)
Gross vehicle weight rating			1 360 kg (2,998 lb)
Towing capacity			680 kg (1,500 lb)

TROUBLESHOOTING

TROUBLESHOOTING GUIDELINES

E IS DISPLAYED ON TRANSMISSION POSITION DISPLAY

1. Shift lever is between 2 positions.
   – *Properly position the shift lever to the desired position.*
2. Shift lever electrical communication error.
   – *Contact an authorized Can-Am dealer.*
3. VCM error or burnt fuse.
   – *Contact an authorized Can-Am dealer.*

MOTOR DOES NOT TURN

1. Power switch is in the OFF position.
   – *Place switch to either ON position.*
2. Discharged batteries.
   – *Check batteries state of charge.*
   – *Have the batteries checked by an authorized Can-Am dealer.*
3. Burnt fuse(s).
   – *Check fuses.*

VEHICLE IS ON BUT DOES NOT MOVE

1. Vehicle is still charging.
   – *Verify that charging cord is detached*
2. Parking brake is still engaged.
   – *Put gear selector to park before selecting a gear position.*

MOTOR LACKS ACCELERATION OR POWER

1. Seat belt not buckled properly. Check cluster message.
   – *Buckle up seat belt.*
2. Batteries are not fully charged.
   – *Charge batteries*
3. Defective batteries.
   – *Contact an authorized Can-Am dealer.*
4. Motor is in limp home mode.
   – *Check multifunction gauge display for messages.*
   – *Multifunction gauge CHECK MOTOR indicator lamp is on and display shows LIMP HOME, contact an authorized Can-Am dealer.*

MESSAGES IN MULTIFUNCTION GAUGE

If an abnormal motor 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 motor limitation engaged.
HI TEMP	Motor is overheating.
LO BAT VOLT	Low battery voltage.
HI BAT VOLT	High battery voltage.
COMMUNICATION FAILURE	VCM communication failure.
LIMP HOME	Critical faults requiring diagnostic as soon as possible. An motor limitation is engaged and/or the motor behavior is modified.
TLS FAULT	Transmission Sensor Fault. If this message appears, vehicle will go to neutral. Contact an authorized Can-Am dealer.
TAS FAULT	Throttle Actuator Sensor Fault. If this message appears, vehicle will go to neutral. Contact an authorized Can-Am dealer.
ECM CRC ERROR	Error message from ECM.
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 motor pilot lamp will be lit.
MANUAL LIMP HOME	When the PPS Limp Home is engaged, the message will be displayed.
GEAR POSITION SENSOR FAULT	When the Gear signal is erroneous the gauge will display the message.

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WARRANTY

BRP LIMITED WARRANTY USA AND CANADA: 2014 CAN-AM® COMMANDER ELECTRIC SIDE-BY-SIDE VEHICLES

1) SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Products Inc. (“BRP”)* warrants its 2014 Can-Am Commander Electric side-by-side vehicles ("Commander Electric") sold by authorized Can-Am SSV dealers (as hereinafter defined) in the United States of America ("USA") and in Canada from defects in material or workmanship for the period and under the conditions described below. This limited warranty will become null and void if: (1) the Commander Electric was used for racing or any other competitive activity, at any point, even by a previous owner; or (2) the Commander Electric 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.

Except if otherwise specified, all genuine Can-Am SSV parts and accessories, installed by an authorized BRP dealer at the time of delivery of the 2014 Commander Electric , carry the same warranty as that of the Commander Electric .

2) LIMITATIONS OF LIABILITY

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

Neither the distributor, any BRP dealer nor any other person has been authorized to make any affirmation, representation or warranty regarding the product, other than those contained in this limited warranty, and if made, shall not be enforceable against BRP. BRP reserves the right to modify this warranty at any time, being understood that such modification will not alter the warranty conditions applicable to the products sold while this warranty is in effect.

3) EXCLUSIONS – ARE NOT WARRANTED

The following are not warranted under any circumstances:

- Normal wear and tear;
- Routine maintenance items, tune ups, adjustments;
- Damage caused by failure to provide proper maintenance and/or storage, as described in the Operator's Guide;
- Damage resulting from removal of parts, improper repairs, service, maintenance, modifications or use of parts not manufactured or approved by BRP or resulting from repairs done by a person that is not an authorized Can-Am SSV dealer for the service of the Commander Electric;

– Damage caused by abuse, abnormal use, neglect or operation of the product in a manner inconsistent with the recommended operation described in the Commander Electric Operator's Guide;
– Damage resulting from accident, submersion, fire, theft, vandalism or any act of God;
– Operation with 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;
– Damages to batteries resulting from improper charging method, including without limitation the use of any charging system not approved by BRP, broken case, improper charge level maintenance or wiring or hardware which are loose, corroded or rusted;
– Incidental or consequential damages, or damages of any kind including without limitation towing, storage, telephone, rental, taxi, inconvenience, insurance coverage, loan payments, loss of time, loss of income.

4) WARRANTY COVERAGE PERIOD

This warranty will be in effect from (1) the date of delivery to the first retail consumer or (2) the date the product is first put into use, whichever occurs first and for the following period:

OFF-ROAD MODELS:
– SIX (6) CONSECUTIVE MONTHS, for private use or commercial use owners. Notwithstanding the foregoing, the warranty coverage of the batteries is the following:
– AGM batteries (lead acid type) are 100% covered for twelve (12) consecutive months.
– Factory installed lithium batteries type are 100% covered for sixty (60) consecutive months.

Low Speed Vehicle (LSV) MODELS:
– TWELVE (12) CONSECUTIVE MONTHS, for private use or commercial use owner. Notwithstanding the foregoing, the warranty coverage of the batteries is the following:
– AGM batteries (lead acid type) are 100% covered for twelve (12) consecutive months.
– Factory installed lithium batteries type are 100% covered for sixty (60) consecutive months.

For LSV models produced for sale in the state of California that are originally sold to residents or subsequently warranty registered to residents in the state of California, the drive train, including battery packs, are covered for twenty four (24) consecutive months. The warranty coverage of the drive train for the first twelve (12) consecutive months period is 100%. The warranty coverage of the drive train for the second twelve (12) consecutive months period is prorated based on the customer's price repair (parts and labour). Please refer to the following California LSV models coverage chart under which the intervals are calculated on a monthly basis:

CALIFORNIA LSV MODELS COVERAGE CHART	
Service Month	% covered by BRP
1 to 12	100
13	50.0
14	45.8
15	41.7
16	37.5
17	33.3
18	29.2
19	25.0
20	20.8
21	16.7
22	12.5
23	8.3
24	4.2

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 2014 Commander Electric must be purchased as new and unused by its first owner from a Can-Am SSV dealer authorized to distribute Commander Electric'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 and signed by the purchaser;
- The 2014 Commander Electric must have undergone proper registration by an authorized Can-Am SSV dealer;
- The 2014 Commander Electric must be purchased in the country in which the purchaser resides;
- Routine maintenance outlined in the Operator's Guide must be timely performed in order to maintain warranty coverage. BRP reserves the right to make warranty coverage contingent upon proof of proper maintenance.

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

6) WHAT TO DO TO OBTAIN WARRANTY COVERAGE

The customer must cease using the Commander Electric upon the appearance of an anomaly. The customer must notify a servicing BRP dealer within three (3) 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 Commander Electric 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 Commander Electric to the owner.

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

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

8) TRANSFER

If the ownership of a product is transferred during the warranty coverage period, this warranty shall also be transferred and be valid for the remaining coverage period provided 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.

9) CONSUMER ASSISTANCE

In the event of a controversy or a dispute in connection with this limited warranty, BRP suggests that you try to resolve the issue at the dealership level. We recommend discussing the issue with the authorized dealer's service manager or owner.

If the 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

* In the USA, products are distributed and serviced by BRP US Inc.
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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

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CHANGE OF ADDRESS ☐ CHANGE OF OWNERSHIP ☐

VEHICLE IDENTIFICATION NUMBER

Model Number | Vehicle Identification Number (V.I.N.)

OLD ADDRESS OR PREVIOUS OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

NEW ADDRESS OR NEW OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

E-MAIL ADDRESS

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

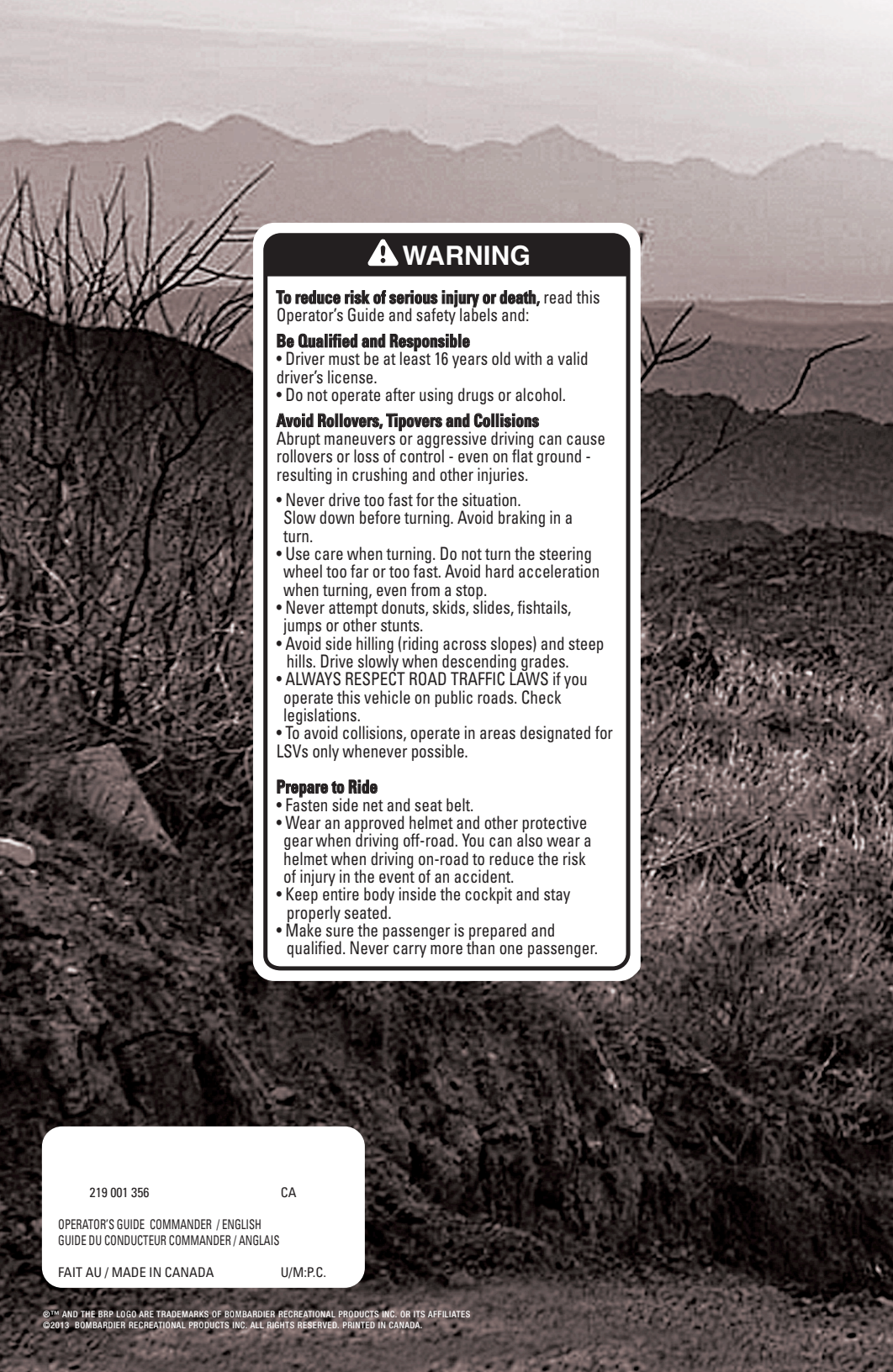
NO. STREET APT

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 and:

Be Qualified and Responsible

- Driver must be at least 16 years old with a valid driver's license.
- 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 side hilling (riding across slopes) and steep hills. Drive slowly when descending grades.
- ALWAYS RESPECT ROAD TRAFFIC LAWS if you operate this vehicle on public roads. Check legislations.
- To avoid collisions, operate in areas designated for LSVs only whenever possible.

Prepare to Ride

- Fasten side net and seat belt.
- Wear an approved helmet and other protective gear when driving off-road. You can also wear a helmet when driving on-road to reduce the risk of injury in the event of an accident.
- Keep entire body inside the cockpit and stay properly seated.
- Make sure the passenger is prepared and qualified. Never carry more than one passenger.

219 001 356 CA

OPERATOR'S GUIDE COMMANDER / ENGLISH
GUIDE DU CONDUCTEUR COMMANDER / ANGLAIS

FAIT AU / MADE IN CANADA U/M:P.C.

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