can-am®

SPYDER® RT™ Series

Can-Am Spyder On-Road Vehicle 2020

Includes
Safety, Vehicle
and Maintenance Information



⚠ WARNING

Learn how the Spyder is different.
Read this operator's guide and watch the safety video on:
https://can-am.brp.com/spyder/owners/safety/safety-information.html
Complete a training course (if available), pratice and become proficient with the controls.
Consult local laws - license requirements vary by location.
Keep this guide in the front storage compartment.

2 1 9 0 0 2 0 7 2

Original Instructions

⚠ WARNING

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

CALIFORNIA PROPOSITION 65 WARNING

WARNING: Operating, servicing and maintaining a passenger vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.p65warnings.ca.gov/products/passenger-vehicle.

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This Operator's Guide covers the following models:

Model	Package	Engine
Spyder RT	STD	1330ACE
	Limited	SE6

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GENERAL INFORMATION

FOREWORD

Congratulations on your purchase of a new Can-Am ® Spyder® . It is backed by the Bombardier Recreational Products Inc. (BRP) warranty and a large network of authorized dealers ready to provide the parts, service or accessories you may require.

Your dealer is committed to your satisfaction. He has taken training to prepare, inspect and performed the final adjustment of your new vehicle before that you took possession of it.

If you need more information concerning the servicing of your vehicle, please ask your dealer.

At delivery, you were informed about the warranty coverage and also, you signed the *PREDELIVERY CHECK LIST* to ensure your new vehicle was prepared to your entire satisfaction.

Know Before you Go

For your safety and the safety of passengers and bystanders, read the following sections before you operate this vehicle:

- *GENERAL PRECAUTIONS*
- *VEHICLE INFORMATION*
- *SAFE OPERATING INSTRUCTIONS*
- *PRE-RIDE INSPECTION*.

Experienced motorcyclists should pay special attention to the *WHAT'S DIFFERENT FROM OTHER VEHICLES* subsection.

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, if not avoided, could result in serious injury or death.

⚠ CAUTION

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

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

About this Operator's Guide

This Operator's Guide was written in North America in a right-lane driving environment. Please adapt your application of these maneuvers to your jurisdiction and rules of the road.

In this Operator's Guide, the word motorcycle typically refers to a two-wheeled motorcycle.

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

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

www. operatorsguide.brp.com

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

Refer to Other Sources of Information

In addition to reading this Operator's Guide, you should read the Safety Card on the vehicle, all on-product safety labels and watch the video located at:

https://can-am.brp.com/spyder/owners/safety/safety-information.html

Or, use the following QR code.

If possible, take a training course that is specifically designed for a 3-wheel vehicle.

For more information about upcoming training course availability, visit our web site at:

www.can-am.brp.com

If a training course specifically designed for a three-wheel vehicle is not available in your area, it could be a good idea to take a training course for motorcycles.

Many of the skills required are similar and also, the received information about managing the risk on the road are suitable for a three-wheel vehicle.

Acknowledgment

BRP wishes to thank the Motorcycle Safety Foundation (MSF) for giving permission to BRP to use their material related to street motorcycle safety found in this Operator's Guide.

The MSF is an internationally recognized not for profit foundation and is supported by motorcycle manufacturers. It provides training, tools and partnerships to the motorcycle safety community. Visit its website at:

www.msf-usa.org

GENERAL PRECAUTIONS

Avoid Carbon Monoxide Poisoning

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

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

To prevent serious injury or death from carbon monoxide:

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

Avoid Gasoline Fires and Other Hazards

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

- Refuel outdoors in a well ventilated area away from flames, sparks, lit cigarettes and other sources of ignition.
- Never add fuel with engine running.
- Never top off the fuel tank. Leave some room for the fuel to expand with temperature changes.
- Wipe up any spilled fuel.
- Never start or operate the engine with the fuel cap removed.
- Use only an approved red gasoline container to store fuel.
- Do not carry gasoline containers in any storage compartments or anywhere else on the vehicle.

Gasoline is poisonous and can cause injury or death.

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

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

Avoid Burns from Hot Parts

The exhaust, oil and cooling systems, as well as the engine become hot during operation. Other vehicle parts, such as multifunction gauge glass, can also be hot if operated at an ambient temperature higher than 60 °C (140 °F). Avoid contact during and shortly after operation to avoid burns.

Accessories and Modifications

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

Unlike most motorcycles, this vehicle is equipped with a Vehicle Stability System (VSS), which is calibrated for the vehicle normal configuration. VSS may not function properly if the vehicle is modified, such as changing weight distribution, wheelbase, tires, suspension, brakes or steering.

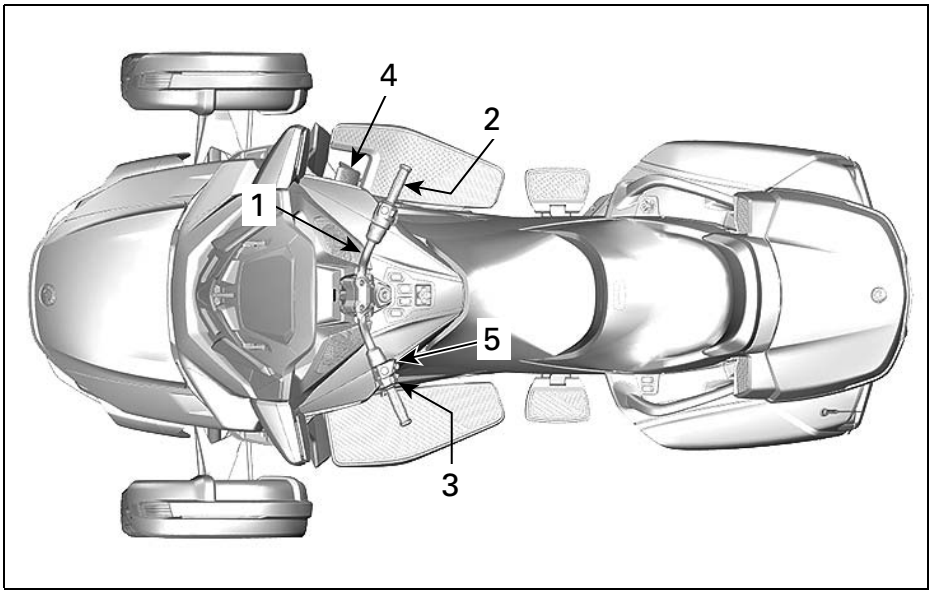
See your authorized Can-Am On-Road dealer for available accessories for your vehicle.

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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.



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TYPICAL

1. *Handlebar*
2. *Throttle*
3. *Gearshift selector*
4. *Brake pedal*
5. *Parking brake button*

1) Handlebar

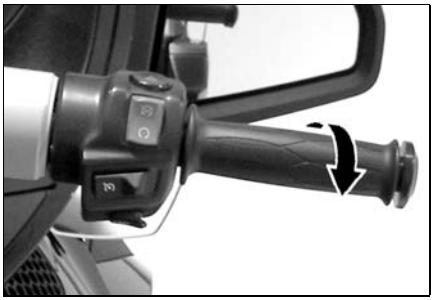
Grip the handlebar with both hands. Steer the handlebar in the direction you want to go.

2) Throttle

Twist the right handgrip to operate the throttle. This controls the vehicle's speed by controlling the flow of fuel to the engine.

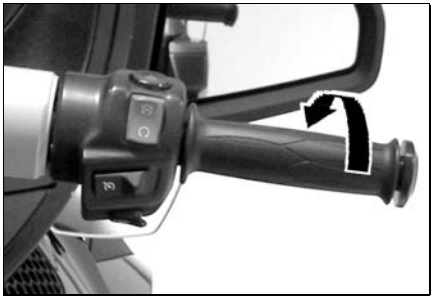
To speed up, twist the throttle toward you (lower your wrist).

To slow down, twist it away from you (raise your wrist).



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TO INCREASE SPEED



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TO DECREASE SPEED

The throttle is spring loaded and should return to idle when you release your grip.

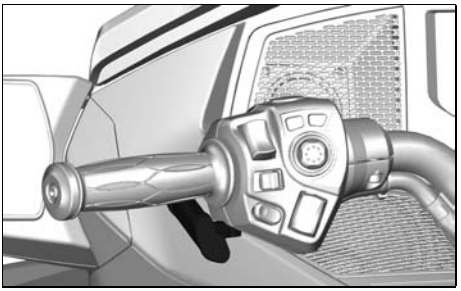
This vehicle is equipped with an Electronic Throttle Control (ETC). The throttle plates in the throttle body are controlled electronically and can be opened or closed irrespective of the throttle twist grip position when necessary.

It may happen that when you accelerate, the Vehicle Stability System (VSS) prevents engine acceleration in order to maintain vehicle stability. Then, when the vehicle is stabilized, the engine RPM would increase as requested if the throttle was maintained. This would be felt as a "delayed" acceleration.

The VSS can never accelerate the vehicle. All it can do is to open the throttle slightly to decrease the amount of engine braking on slippery surfaces. This prevents the rear tire from slipping because of engine braking.

3) Gearshift Selector

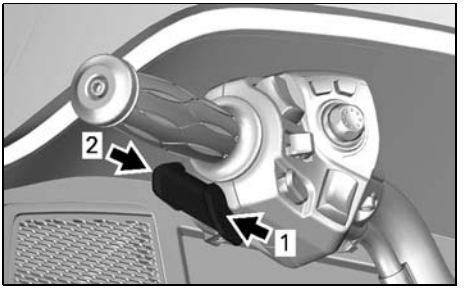
The gearshift selector is underneath the left handgrip.



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The gear pattern is Reverse-Neutral-1-2-3-4-5-6.

Press selector forward to upshift. Pull selector toward you to downshift.



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1. *Upshift*
2. *Downshift*

This shifts sequentially from one gear to the next. Release the selector after shifting.

- To shift through multiple gears, use the selector multiple times.
- To shift into neutral from first gear or reverse, briefly press or pull the gear selector. A longer activation will shift over neutral.
- To shift out of reverse into 1st gear, press the brake pedal and shift up.
- To shift from neutral to first gear, press the brake pedal and shift up.

When the gearshift selector is released, the mechanism resets for the next shift UP or DOWN.

If operator does not downshift when slowing down and engine RPM drops below a threshold value, the gearbox will automatically downshift to the next available gear.

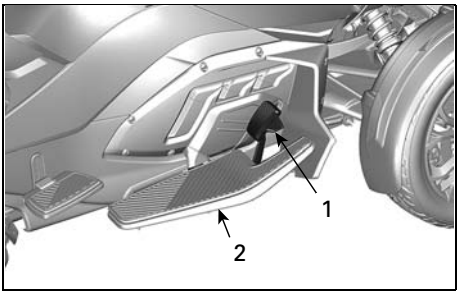
If the engine is started with gearbox in gear, it will automatically shift to neutral position.

4) Brake Pedal

The brake pedal is located on the right floorboard.

Press the pedal with your foot to apply the brake to all three wheels.

NOTICE When riding, make sure not to lay your foot on brake pedal. Otherwise, the engine management will activate the limp home mode to protect the braking system.



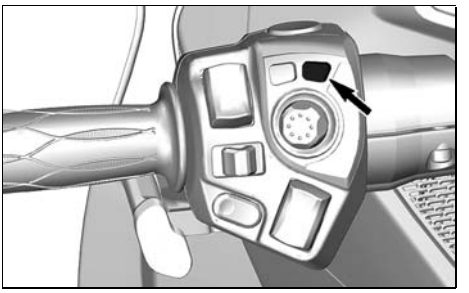
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1. *Brake pedal*
2. *Floorboard*

5) Parking Brake Button

The parking brake button is located on the left handlebar housing. It allows to engage or release the electric parking brake.

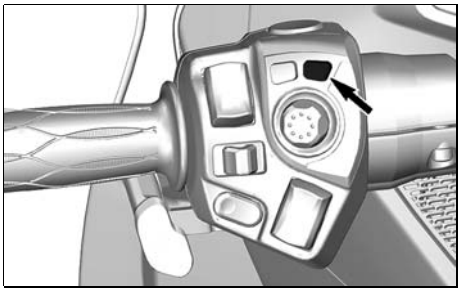
There will be a 20 second beep sound when stopping the engine while the parking brake is not engaged.



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Applying Parking Brake

With the vehicle stopped and ignition key turned ON, press button to apply the parking brake. The brake indicator lamp will turn on.



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1. Parking brake button

Note: A minimum of 11 V is required to activate the parking brake. If the battery voltage is below 11 V, the parking brake indicator lamp will flashing and a message will appear in the cluster display.

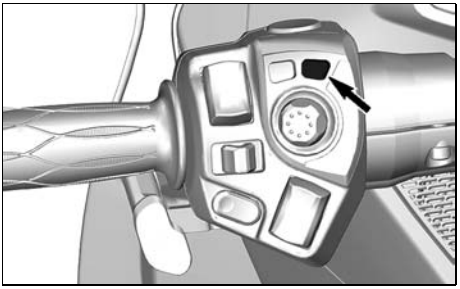
⚠ CAUTION

To avoid personal injury or vehicle damages, the parking brake cannot be activated when the vehicle is running above 10 km/h (6 mi/h).

Check that the parking brake is fully engaged. Rock the vehicle back and forth.

Releasing Parking Brake

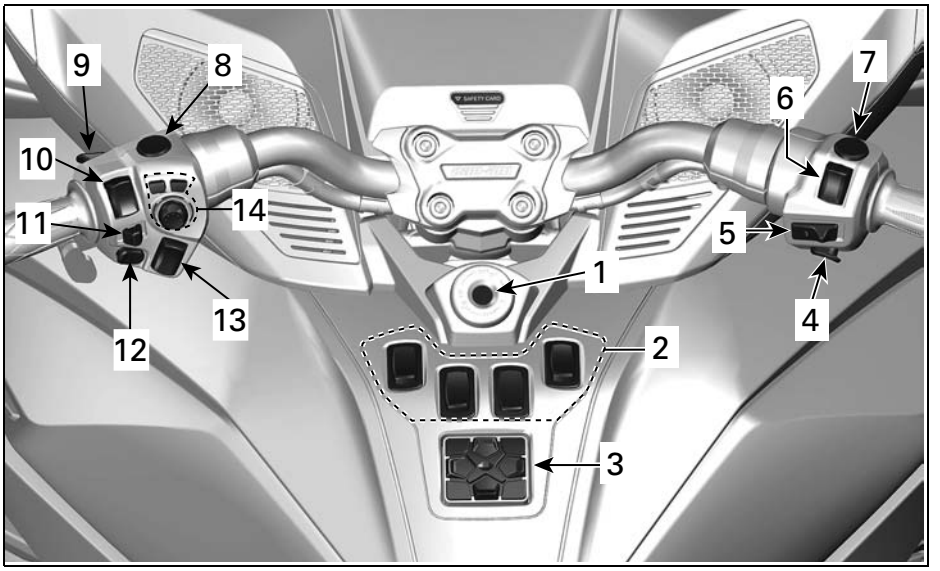
To release parking brake, press button and make sure brake indicator lamp turns OFF.



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1. Parking brake button

SECONDARY CONTROLS

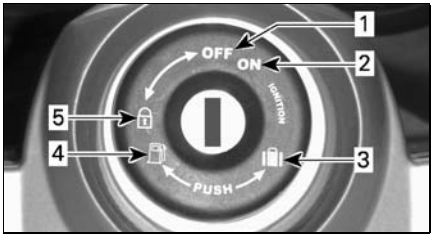


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TYPICAL

1. *Ignition switch*
2. *Switch cluster*
3. *Keypad*
4. *Engine start button*
5. *Cruise control switch*
6. *Engine stop switch*
7. *Hazard warning button*
8. *Reverse button*
9. *BRP connect button*
10. *Headlight switch*
11. *Turn signal button*
12. *Horn button*
13. *Audio Volume Control*
14. *Electronic command center (ECC)*

1) Ignition Switch



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IGNITION SWITCH

1. *OFF*
2. *ON*
3. *Front storage compartment opening*
4. *Seat opening*
5. *Handlebar and glove box locking position*

The ignition switch is located just below the center of the handlebar.

NOTICE If the key does not turn easily, do not force it. Pull it out and reinsert.

⚠ WARNING

If you turn the ignition switch to OFF, it shuts off the engine and all the electrical systems including the VSS and DPS. If you do this while the vehicle is moving, you could lose control and crash.

Two keys are provided with your vehicle. Each key contains a transponder chip specifically pre-programmed that is read via radio frequency by the immobilizer system to allow starting the engine. The keys do not contain batteries. Do not take the key apart. If the immobilizer system cannot read the key, the engine will not start. For the conditions that can lead to the immobilizer system failing to read the key, refer to the *DIAGNOSTIC GUIDELINES*. Store the spare key in a safe place because you **must** have your spare key to have another one made by an authorized Can-Am On-Road dealer.

Ignition Function

OFF

The key can be inserted or removed in this position.

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

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

ON

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

The gauge should wake-up.

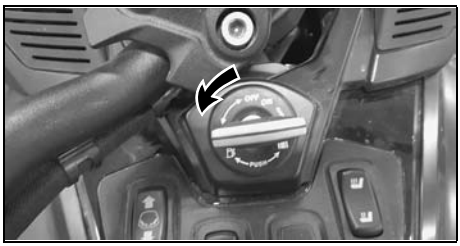
The vehicle lights are turned on.

The engine can be started.

Locking the Handlebar/Glove Box

To lock the steering mechanism and the glove box:

1. Insert key in ignition switch.
2. Rotate the handlebar all the way to the right or to the left.
3. Turn the key 1/4 turn counterclockwise to the steering lock position then remove key.



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KEY POSITION TO LOCK HANDLEBAR

2) Switch Cluster

The switch cluster is located on the central console.



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It includes many switches that control of numerous electrical accessories.

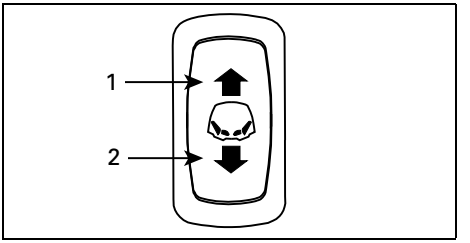
Note: The battery voltage must be at 11 V minimum to activate these accessory switches.

Windshield Switch



219002072-020

To change the windshield position, press the top of the switch to raise it or press the bottom of the switch to lower it.



219002072-024

1. *Presse here to raise the windshield*
2. *Press here to lower the windshield*

Driver's Heated Grip Switch

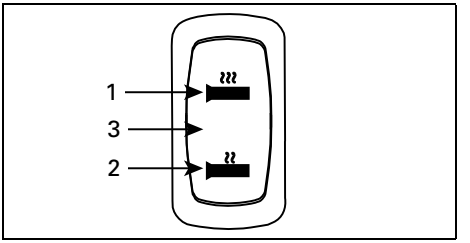


219002072-021

The heated grip switch allows to turn on and off the heated grips and to control the heating intensity.

To activate the heating grip, press the top (HI) or the bottom (LOW) of the switch.

To turn OFF the heating grip, toggle the switch to the middle position.



219002072-025

1. *HI intensity*
2. *LO intensity*
3. *OFF (middle position)*

Accessory Light Switch (Option Package)



219002072-022

Location to place the switch when adding an accessory light.

Driver's Heating Seat Switch

Limited models only

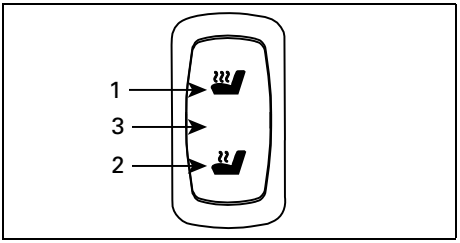


219002072-023

The heated seat switch allows to turn on and off the heated seat and to control the heating intensity.

To activate the heating seat, press the top (HI) or the bottom (LOW) of the switch.

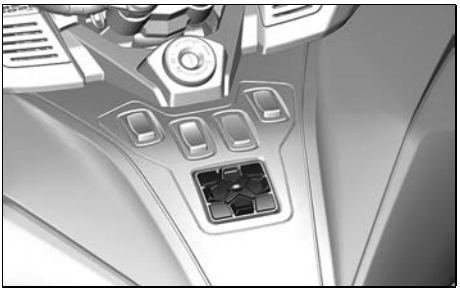
To turn OFF the heating seat, toggle the switch to the middle position.



219002072-026

1. *HI intensity*
2. *LO intensity*
3. *OFF (middle position)*

3) Keypad



219002072-003

The keypad is located on the central panel.

The keypad is used to control the audio system. It controls:

- Source (radio or bluetooth)
- Volume
- Preset/Seek
- Mute/play
- Output (speakers or headset)



219002072-027

When FM audio source is selected, the Preset/Seek buttons work as follow:

- Short press: Previous or Next Preset
- Long press: Seek - up or down

When Bluetooth audio source is selected, the Preset/Seek buttons work as follow:

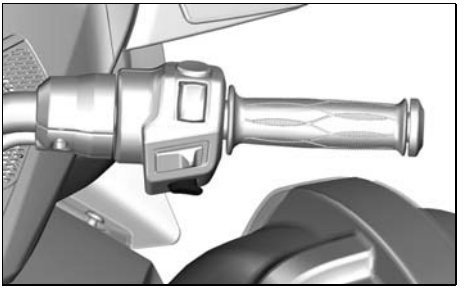
- Left: Previous song
- Right: Next song

When IN AUX audio source is selected, the Preset/Seek buttons do not function.

Note: When using an Apple device, it is possible that the Preset/Seek buttons do not function with the BRP Connect is selected.

4) Engine Start Button

The engine start button is located at the bottom of the right handlebar housing.

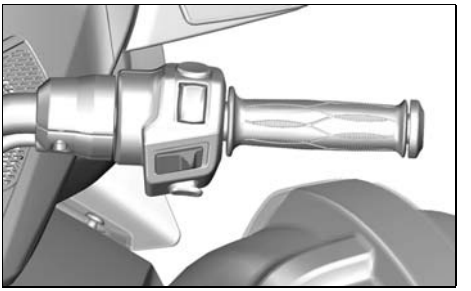


219002072-004

When depressed and held, it starts the engine.

5) Cruise Control Switch

The cruise control switch is located near the center of the right handlebar housing.



219002072-005

This switch is multifunctional. It allows to activate, set and stop the function of the cruise control.

The following icon appears inside the digital display when the cruise control is activated.

Cruise control icon	

⚠ WARNING

It is not recommended to use the cruise control when towing a trailer.

When set, the cruise control allows to maintain a steady speed while riding the vehicle. It will increase or reduce engine speed as necessary.

Note: The vehicle torque may vary slightly depending on the road conditions such as the wind, going downhill or uphill.

The cruise control is designed to be used for prolonged drives on low traffic highways. Never ride the vehicle with the cruise control activated in city streets, winding roads, in adverse weather or in any circumstances when you need the throttle control.

Cruise Control Limitations

The cruise control is not an automatic pilot, it will not drive the vehicle.

The cruise control is not aware of what is going on the road and it does not steer or apply the brakes for you.

⚠ WARNING

Improper use of the cruise control can lead the vehicle to a loss of control.

Setting the Cruise Control

To use the cruise control, the vehicle speed must be above approximately 40 km/h (25 mi/h).

Turn the cruise control to ON by sliding the cruise control button to the right.

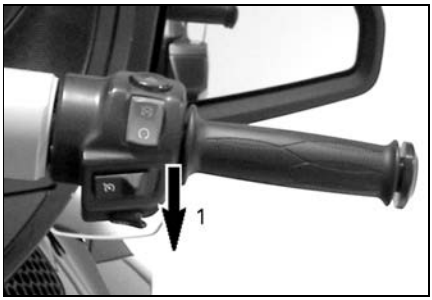


rmo2010-001-031_e

1. Slide button to the right

Note: A **green** icon is lit in the digital display when the cruise control is active.

Bring the vehicle at the speed you want to maintain then press the cruise button downward to SET the speed.



rmo2010-001-031_f

1. Push button downward to SET

You can now release the throttle.

⚠ WARNING

Always keep both hands on the handlebar while riding. Otherwise, this could cause a vehicle loss of control.

Note: You can increase engine speed using the throttle grip if you need to go faster than the set speed. Releasing

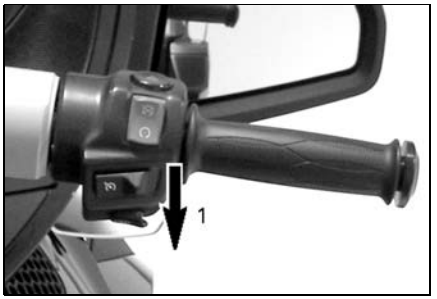
the throttle will allow the cruise control to recover the set speed.

Once the cruise control has been set, the speed setting may be increased or reduced by pushing the button UP or DOWN. Each press of the button will change the speed setting by increments of 1.6 km/h (1 mi/h). Holding the button will change the speed setting until released or the operating limit has been reached.



rmo2010-001-031_i

1. Push up button to increase the speed setting



rmo2010-001-031_f

1. Push down button to reduce the speed setting

Canceling the Cruise Control

Any of the following event will cancel the cruise control.

- Pressing the brake pedal.
- Gear change.
- Any vehicle stability system intervention.

Resuming the Cruise Control

If the cruise control was cancelled and the cruise control switch is still at the ON position, the cruise control operation can be resumed by pushing the cruise control button up. The cruise control will then recover the previous set speed.



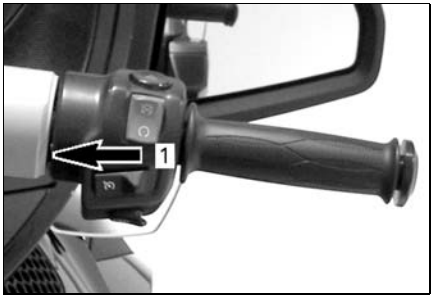
rmo2010-001-031_i

1. Push up button to RESUME

Note: The cruise control status will show CRUISE SET in the digital display.

Stopping the Cruise Control

To completely stop the cruise control operation, slide the cruise control button to the left.



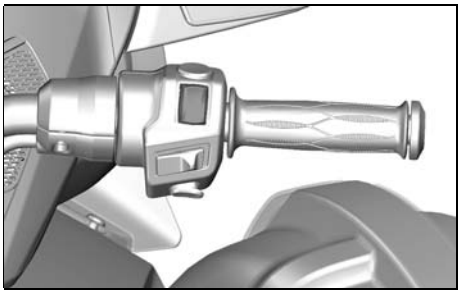
rmo2010-001-031_h

1. Slide button to OFF

Note: The CRUISE ON status will disappear in the digital display.

6) Engine Stop Switch

The engine stop switch is located in the top portion of the right handlebar housing.

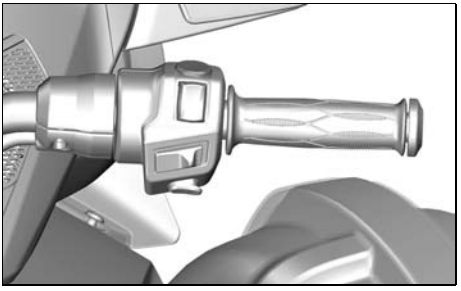


219002072-006

The switch has two positions and must be set to the run position before you can start the engine. It allows you to stop the engine anytime without removing your hand from the handlebar.

7) Hazard Warning Button

The hazard warning button is located on the top of the right handlebar housing.

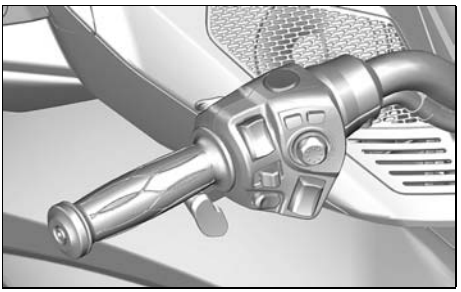


219002072-007

Push the button to turn on or off the hazard warning lights.

8) Reverse Button

The reverse button is located on top of the left handlebar housing.



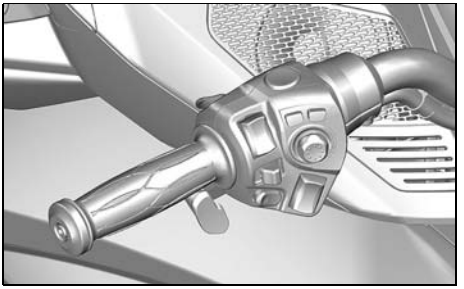
219002072-008

Push and hold the reverse button to allow shifting into reverse. Refer to *OPERATING IN REVERSE* in *BASIC PROCEDURES* for detailed instructions.

The backup lights turn on when the vehicle is in reverse.

9) BRP Connect Button

The BRP Connect button is located on the back of the left handlebar housing.

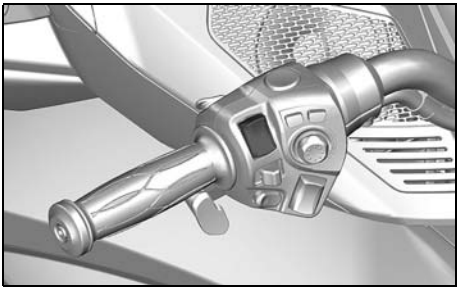


219002072-010

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

10) Headlight Switch

The headlight switch is located in the left top portion of the left handlebar housing.



219002072-011

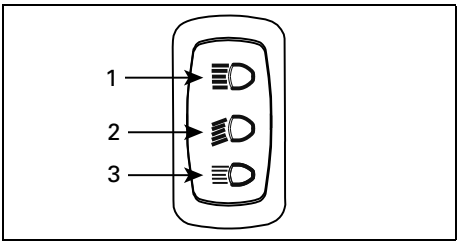
The following icon appears inside the digital display when the headlight are turn on.

Headlight icons	

The switch is used to select high or low beam for the headlight. The headlights automatically turn on when the engine reaches 800 RPM and turn off after approximately 20 seconds when engine has been stopped.

To select high beams, push the switch to the front position. To select low beams, push the switch to the back position.

To flash the high beams, press the switch to the down position, then release it. The high beams will stay on as long as you hold down the switch.

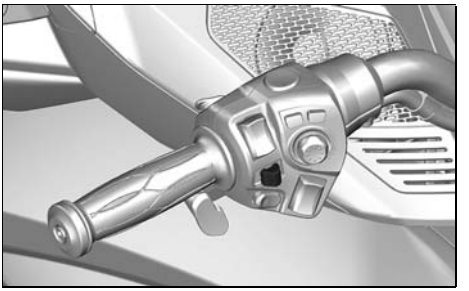


219002072-009

1. *High beams*
2. *Low beams*
3. *Flash high beams*

11) Turn Signal Button

The turn signal button is located on the center of the left handlebar housing.



219002072-012

The following icon appears inside the digital display when the turn signal is activated.

Left turn signal icon	
Right turn signal icon	

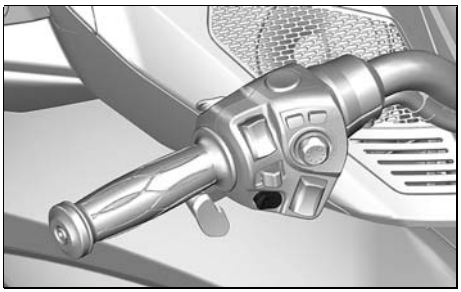
The turn signal button turns off automatically after a normal turn, but you may have to turn it off manually after a shallow turn or lane change.

To turn the signal off, press the button in.

Turn signals will automatically turn off after 30 seconds while the vehicle is moving.

12) Horn Button

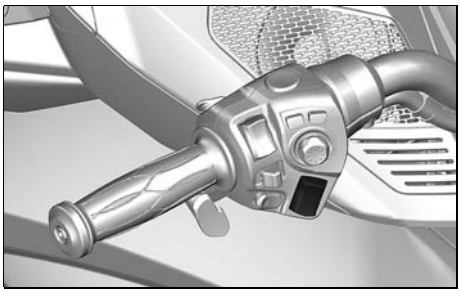
The horn button is located at the bottom of the left handlebar housing.



219002072-013

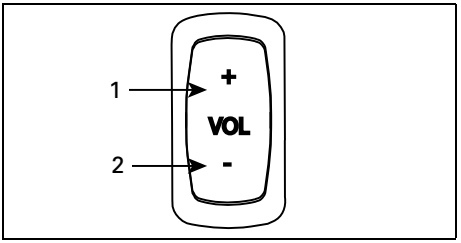
13) Audio Volume Control

The audio volume control is located at the bottom of the left handlebar housing.



219002072-014

The button allows to raise or lower the volume of the audio system to your convenience.

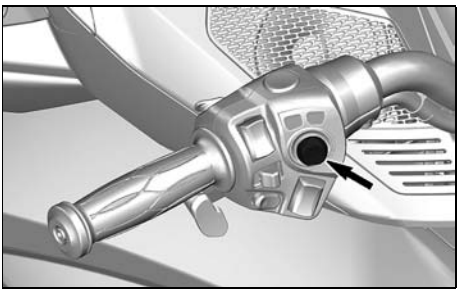


219002072-028

1. *Volume up*
2. *Volume down*

14) Electronic Command Center (ECC)

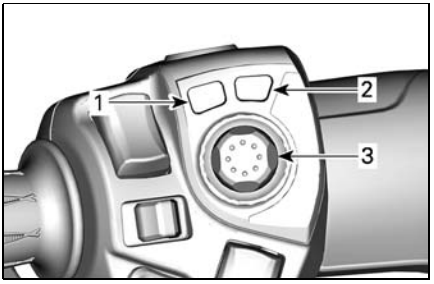
The ECC is located on the in the right top portion of the left handlebar housing.



219002072-204

The ECC is a multifunction switch, it allows the control of numerous functions of the multifunction gauge.

Note: Inputs given to the ECC may be halted for a short delay as the vehicle electronic modules prioritize vehicle main functions. This should not be considered a malfunction.



219001827-007_a

1. ***MODE button:*** *activates or deactivates ECO mode*
2. ***PARKING BRAKE button:*** *activates or deactivates the PARKING BRAKE*
3. ***JOYSTICK button:*** *Used to navigate through menus by going up / down / left / right.*

   Quick press then release: *Enter function.*

⚠ WARNING

Using the ECC while driving can distract the driver from operating the vehicle. Always use buttons with caution and always keep your eyes on the road.

Audio Control

To turn the radio ON, push the JOYSTICK UP. To close the radio, push the JOYSTICK DOWN when the volume is at its lowest setting.

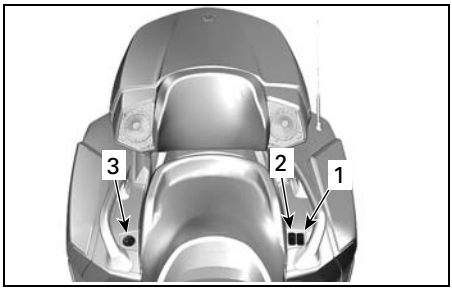
When in the home screen, pushing the JOYSTICK UP or DOWN will increase or decrease the audio volume.

To enable the audio automatic volume level control, go to:

- Audio
- Configuration
- Auto vol CTRL

Push the JOYSTICK DOWN and hold it more than one second for the audio volume to mute.

From the mute setting, pushing the UP button will reset the audio volume to its last setting.

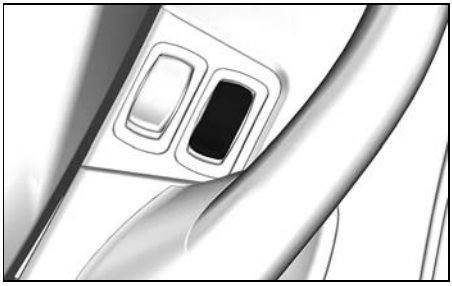


219002072-029

1. *Heated grips switch*
2. *Heated seat switch*
3. *Audio Control (option)*

Heated Grips Switch

The heated grips switch is located between the seat and the left passenger grip.

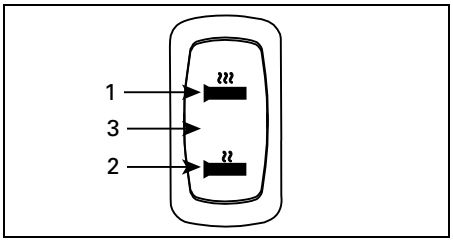


219002072-030

The heated grips switch allows to turn on and off the heated grips and to control the heating intensity.

To activate the heating grip, press the top (HI) or the bottom (LOW) of the switch.

To turn OFF the heating grip, toggle the switch to the middle position.



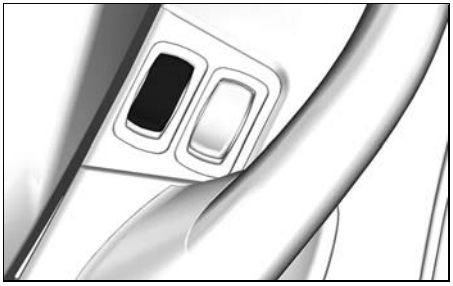
219002072-025

1. *HI intensity*
2. *LO intensity*
3. *OFF (middle position)*

Note: The heated grips will shut off when engine is under 800 RPM and will not resume automatically.

Heated Seat Switch

The heated seat switch is located between the seat and the left passenger grip.

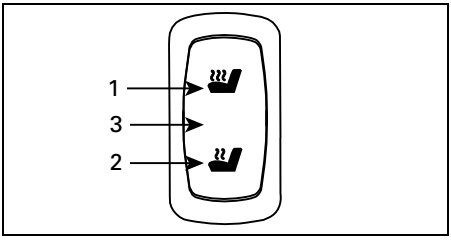


219002072-031

The heated seat switch allows to turn on and off the heated seat and to control the heating intensity.

To activate the heating seat, press the top (HI) or the bottom (LOW) of the switch.

To turn OFF the heating seat, toggle the switch to the middle position.



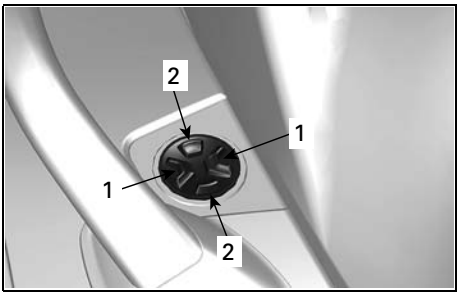
219002072-026

1. *HI intensity*
2. *LO intensity*
3. *OFF (middle position)*

Note: The heated seat will shut off when engine is under 800 RPM and will not resume automatically.

Audio Controls

The audio controls are located between the seat and the right passenger grip.



219002072-032

1. *LEFT/RIGHT buttons*
2. *UP/DOWN buttons*

It will allow to change the volume level and song/channel when the cluster is set to audio screen.

Note: Depending the audio device used (smartphone, tablet, etc), some functions may not work.

LARGE PANORAMIC 7.8" WIDE LCD DISPLAY

Basic Functions

LCD Display

Default Display



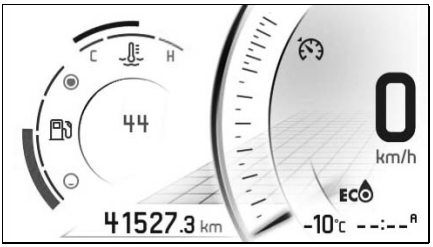
219002010-502

Multifunction Display



219002010-503

Left Lateral Display



219002010-501

The left lateral display includes:

- Fuel level indicator
- Speedometer
- Tripmeter
- Cruise control
- Gear indicator
- Clock
- Engine temperature
- Driving modes
- Warning pop-up
- Distance to empty

To select the value to be displayed in the tripmeter;

1. Access the Stats/Trip screen
2. Select the desired set of statistic to be shown (Total, A or B)
3. **JOYSTICK UP** will change the value shown on the left display with the distance value of the selected statistic set.

Right Lateral Display



Rightscreen2

The right lateral display includes:

- Tachometer
- Audio volume
- Audio output indicator
- Radio station pre-set
- Menu
  - BRP connect
  - Phone
  - Statistics
  - Audio
  - Settings

Navigating in the Digital Display

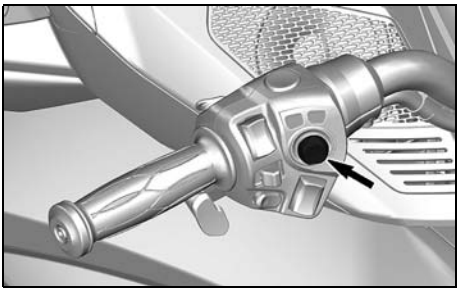
⚠ WARNING

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

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

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

Use the ECC (Electronic Command Center) to control the display functions. Refer to *ECC (ELECTRONIC COMMAND CENTER)* in *SECONDARY CONTROLS*.

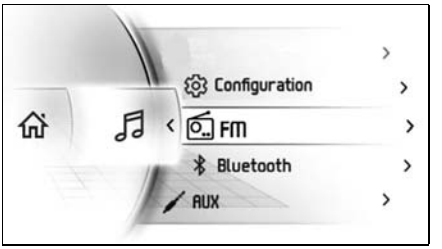


219002072-204

Pressing the joystick (center button) will get the Menu selection in the right screen, in this order:

- BRP connect
- Phone
- Statistics
- Audio
- Settings

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



Radio_a (1)

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

Indicator Lamps

Warning and Telltale Lights



219002011-502

WARNING AND TELLTALE LIGHTS	
	RED - The engine temperature is too high.
	RED - The battery level is low.
	RED - Low oil pressure
	ORANGE - Low fuel level
	ORANGE - Check engine
!	ORANGE - Vehicle Malfunction
ABS	ORANGE - ABS

WARNING AND TELLTALE LIGHTS	
	RED - (Steady ON) Low Brake Fluid
	RED - (Blinking) Parking brake is engaged or malfunction of the brake system
	Blue - High Beam
	Green - Neutral
	Green - Flashers

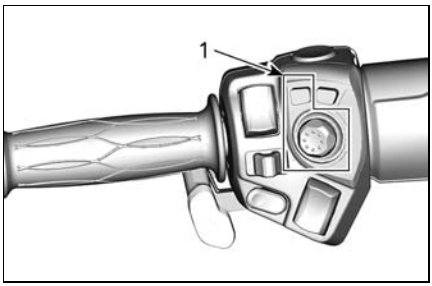
Icons and Indicators

ICONS AND INDICATORS	
	Smartphone Network connection
	Bluetooth device
	Smartphone battery level indicator
	Helmet pairing indicator
	Fuel indicator
	Temperature indicator
	Cruise control indicator
	Speakers audio output
	Helmet audio output

Settings

Menu Switches

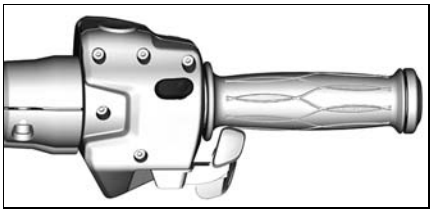
Use the ECC to control of numerous functions of the multifunction gauge.



219001827-006_j

1. ECC

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



219001827-303

Menu

BRP Connect



BRP connect_test

Before using BRP Connect, the app must be downloaded to the phone. The app can be downloaded from the Apple

App Store or Google Play Store via a simple search. Not all phones are compatible.

Visit our website for more details.

www.brpconnecttutorial.com

Note: The smartphone must be connected via Bluetooth **and** with a USB cable to the USB port located in the front storage compartment.

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

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

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

Phone



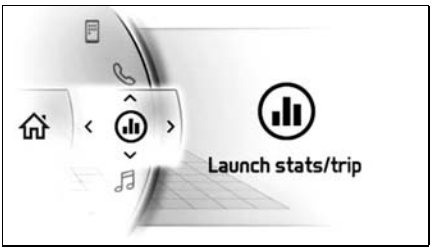
Phone_a

The phone menu is to access:

- The phone history
- The phone contact list

Note: To have access to the Phone menu, a phone and rider helmet must be paired. Refer to *PAIR YOUR SMARTPHONE VIA BLUETOOTH*.

Statistics



Stat_a

The Statistics menu is used to get :

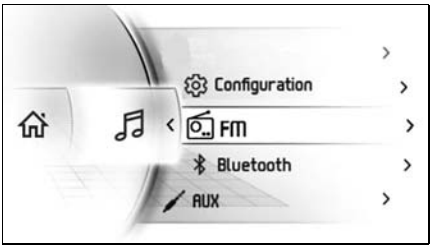
- Trip distance information
- Trip elapsed time information
- Instant fuel consumption
- Average fuel consumption
- Maximum speed
- Average speed

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

The joystick **LEFT** and **RIGHT** will navigate between the 3 sets of statistic.

Holding the joystick **DOWN** when showing a statistic will reset it.

Audio



Radio_a (1)

The Audio menu is to:

- Adjust the configuration of:
  - Auto presets
  - Auto volume control
  - Equalizer

  - Fade/Balance
  - Audio output
- Access FM source audio
- Access Bluetooth Audio Player
- Access Aux Audio Player

Audio Control

Note: The joystick controls the audio commands when in the Home screen or in the Audio Source screen (FM, AUX, Bluetooth).

To turn the radio ON, push the joystick **UP** . To turn the radio OFF, push the joystick **DOWN** when the volume is at its lowest setting (Mute).

Use the joystick to control the audio volume. Joystick **UP** for louder.

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

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

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

- Short Left: Previous preset
- Long Left: Seek down
- Short Right: Next preset
- Long Right: Seek up

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

- Left: Previous song
- Right: Next song

When In AUX and BRP Connect (iPhone only) audio sources, left and right have no effects.

Audio Configuration

The Audio Configuration menu is as follows:

- Automatic FM presets
- Automatic volume control
- Equalizer
- Fade / Balance
- Audio Output

Audio Output selection is used to select the desired audio output: Speaker or Helmet.

Note: A different volume level is used when helmet is selected. This allows to keep the volume previously selected when music was sent to the helmet.

To access the FM tune and preset screen, press the **JOYSTICK** for more than 1 second.

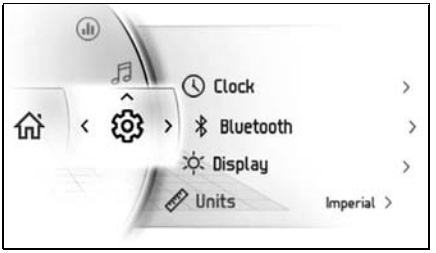
FM Tune and Preset

In the FM tune and preset screen, it is possible to select an FM station and store it in the desired preset number.

- Select FM station to store.
- Press the **JOYSTICK** to select the desired preset number.
- Press joystick **DOWN** for more than 1 second to store the FM station in the selected preset number.

Press the **JOYSTICK** to exit the FM tune and preset screen.

Settings



Settings_a

The Settings menu is to:

- Adjust clock
- Pair Bluetooth devices
  - Phone
  - Driver headset
  - Passenger headset
- Adjust the display brightness
- Adjust the units (Imperial/Metric)
- Set the language
- Get the version
- Show vehicle fault codes.

Pairing your Smartphone Via Bluetooth

On the vehicle

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

Bluetooth is now visible.

On the phone

1. Activate your phone's bluetooth function.

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

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

Pairing a Helmet

To pair a helmet, go to the “Settings” page and select “Add helmet”.

BRP Connect App

Follow these steps to setup your smartphone with BRP Connect.

1) Download the BRP Connect Smartphone App

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

2) Download Apps Compatible With BRP Connect

Visit our website to know more about the compatible apps. These apps will improve your riding experience. Some apps may require additional purchase to be compatible with the system or may require additional devices to be used.

www.brpconnecttutorial.com

3) Connect your smartphone using your charging / data transfer cable

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

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

4) Access your Apps

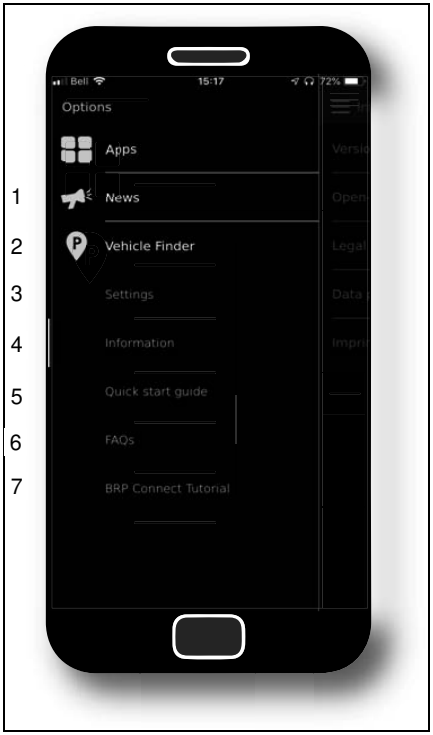
Quick press the **JOYSTICK** to access Menu.

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

Select the app you would like to use and press the **JOYSTICK** .

- To leave the app, long press the **JOYSTICK** .
- To return to the Main Menu, press the BRP Connect Button.

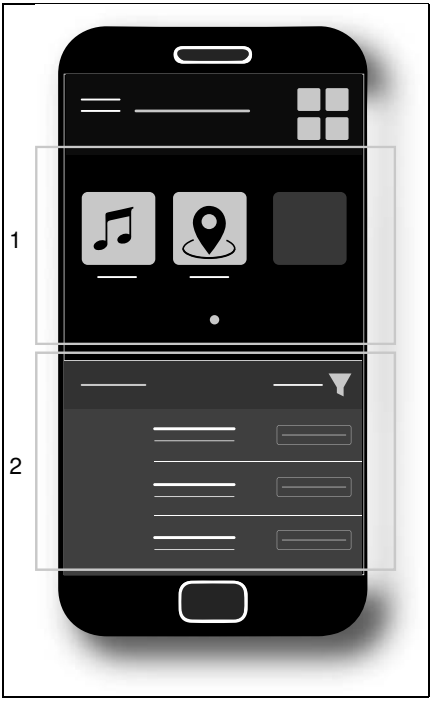
Quick Tour of the BRP Connect App



219002011-500

- 1) News: Communications may occasionally be issued through the BRP Connect app and can be found through this menu.
- 2) Vehicle Finder: Allows you to store the location of your vehicle (or any other location you wish to remember). The feature is relatively rich as it also allows you to take a picture of the location you left your vehicle at, take notes (e.g. number of the parking spot) and also navigate back to your stored location. Only one location can be saved at a time.

- 3) Settings: Set BRP connect to your choosing. In which country do you intend to use the BRP Connect App? What should be worth your attention? Note: Elementary settings of the BRP Connect app change be changed from within this menu.
- 4) Information: General information about the BRP Connect app. States the current version and all legal information.
- 5) Quick Start Guide: Want to learn how to use this app? Here is how it works.
- 6) FAQ: This link takes you to answers of common questions asked by riders like you. An internet connection is required.
- 7) BRP Connect Tutorial: Need to know more? This link takes you to detailed instructions videos. An internet connection is required.

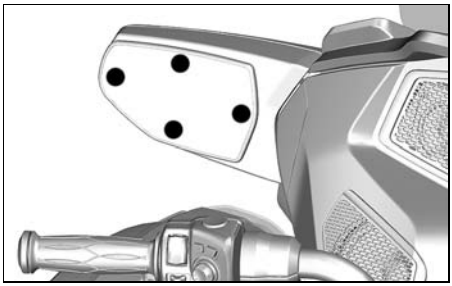


219002011-501

- 1) Currently Installed Apps
- 2) Available Apps

Mirrors

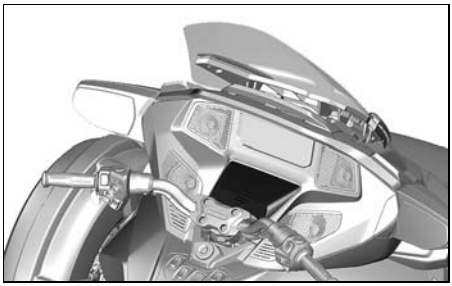
With your fingers, press the mirror at the points shown below to adjust its position in the four directions.



219002072-205

MIRROR ADJUSTMENT POINTS

Glove Box



219002072-033

Opening the Glove Box

First ensure handlebar is not locked to allow glove box opening.

Push on the bottom of the cover to release it.



219002072-034

1. Push here to release

Open cover.

When done, close the cover then push on the bottom of the cover to latch it.

Always latch the glove box after usage.

Front Storage Compartment

Opening the Front Storage Compartment

1. Insert key in ignition switch.
2. **Push** and turn the key 1/4 turn counterclockwise to the front storage compartment position and hold while lifting cover.

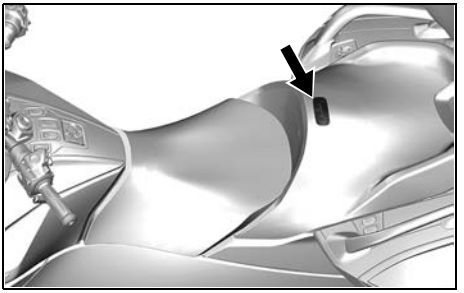


219002072-207

KEY POSITION TO OPEN FRONT STORAGE COMPARTMENT

Operator Seat

The operator seat includes a location to install a backrest (available in accessory).



219002072-048

Opening the Seat

1. Insert key in ignition switch.
2. Push and turn the key 1/4 turn clockwise to the seat opening position and hold while lifting seat.



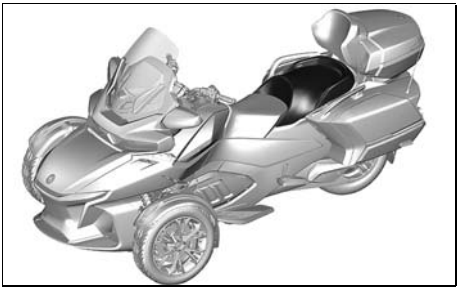
219002072-208

KEY POSITION TO OPEN SEAT

1. *Push key*
2. *Turn key 1/4 turn*

NOTICE Do not force the seat past the maximum opening angle or it may break.

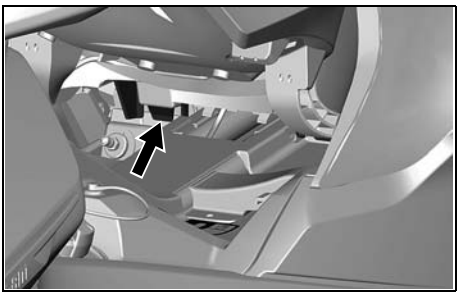
Passenger Seat



219002072-075

Removing the Seat

1. Open the operator's seat.
2. Unlatch seat. One latch on each side.



219002072-076

RIGHT PASSENGER' SEAT LATCH SHOWN

3. Pull seat forwards to releaase the rear tabs.
4. Lift the seat slightly and unplug the heat seat connector.

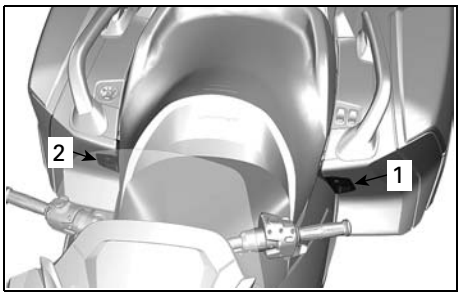
Installing the Seat

1. Plug the heat seat connector.
2. Insert the rear tabs into the support openings.
3. Push on the front of the seat to latch it.
4. Close the operator's seat.

Storage Compartments

Opening the Side Storage Compartments

The latches are located on the front portion of the side storage compartments..



219002072-035

1. *Latch for the left side storage compartment*
2. *Latch for the right side storage compartment*

Pull up the latch to open the side storage compartment cover. If lock, use the ignition key to unlock it.



219002072-036

Note: Open the cover slowly, the objects inside the compartment may have moved during the ride.

Closing the Side Storage Compartments

⚠ WARNING

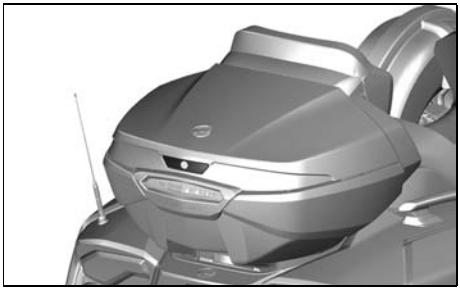
Always close and latch the covers after usage. Never ride the vehicle with an opened cover or improperly latched. The content of the compartment could fall outside and causing a road hazard.

Slowly close to let air flow out.

Put your hand in the upper center of the cover and push to lock.

Opening the Top Storage Compartment

The top storage compartment latch is located at the rear of vehicle.



219002072-037

Pull up the latch to open the cover. If lock, use the ignition key to unlock it.

Note: If the cover refuses to open, gently move it back and fore and side to side while pressing the latch. See your authorized Can-Am dealer to perform the latch adjustment.

Closing the Top Storage Compartment

NOTICE The cover mechanism must be UNLOCKED to close the top storage compartment. If the cover cannot be closed, DO NOT FORCE. Check if something block the cover and if the latch moves.

Bring the cover at closing position.

Put your hand just above the latch in the center of the cover then push to lock.

Removing the Top Storage Compartment

⚠ WARNING

Always have the top storage compartment installed and properly locked when riding. Do not use the vehicle if the top storage compartment is missing.

1. Open the top storage compartment cover.
2. Unlock the center LinQ knob by turning it 1/4 turn counterclockwise.



219002072-402

3. Using the rear handle, unlatch the top storage compartment from the vehicle.



219002072-400

4. Lift the storage compartment slightly and slide your hand underneath to disconnect the connector located near the passenger seat.
5. Pull the storage compartment rearwards and remove it from the vehicle.

Installing the Top Storage Compartment

WARNING

Always have the top storage compartment installed and properly locked when riding. Do not use the vehicle if the top storage compartment is missing.

1. Align both arms of the storage compartment with the supports located on each side of the passenger's seat.
2. Hold the storage compartment in the raise position and connect the connector near the passenger's seat.
3. Lower the storage compartment and push down to lock it.
4. Open the top storage compartment cover.

5. Secure the storage compartment by turning the center LinQ knob 1/4 turn clockwise.



219002072-401

6. Grab the storage compartment firmly and check if it is properly installed and locked on the vehicle.
7. Close the top storage compartment cover.

Helmet Hook

Two helmet hooks are available under the seat to secure a helmet.

Open seat.



219002072-047

Secure the helmet strap buckle on the hook.

Gently put down helmet on the vehicle side panel.

Carefully close the seat and latch.

Tool Kit

The tool kit is located in the front storage compartment.

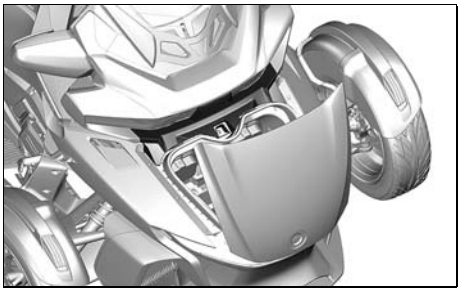
The tool kit contains the tools for the basic maintenance described in this Operator's Guide.

Operator's Guide

The operator's guide is located inside the front storage compartment.

Service Cover

Front Service Cover



219002072-060

The front service cover must be removed to reach the following items:

- Coolant reservoir
- Diagnostic connector

Removing the Front Service Cover

1. Open the front storage compartment cover.
2. Pull the top middle of the service cover to unlatch it



219002072-209

3. Remove the service cover from the vehicle.

Installing the Front Service Cover

1. Insert both ends of the service cover under the console covers.
2. Push the top middle of the service cover to clip it.

Right Service Cover



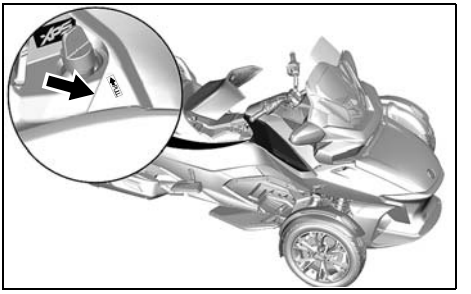
219002072-061

The right service cover must be removed to reach the following items:

- Brake fluid reservoir
- Engine oil filter

Removing the Right Service Cover

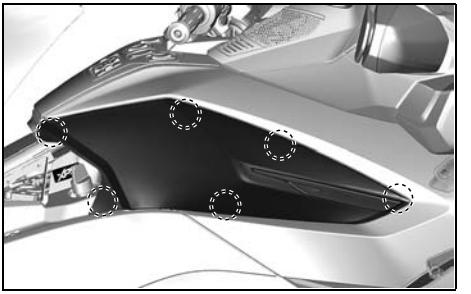
1. Open the operator seat.
2. Pull the rear lower end of the service cover to unlatch it.



219002072-063

3. Pull the service cover to remove it from the vehicle.

Note: Six retaining tabs hold the service cover in place.

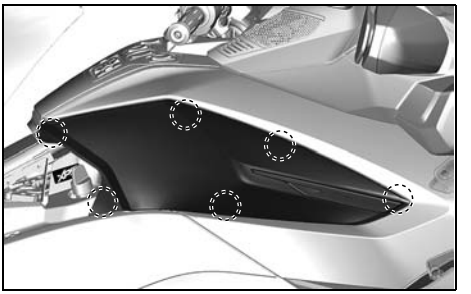


219002072-064

RETAINING TAB LOCATIONS

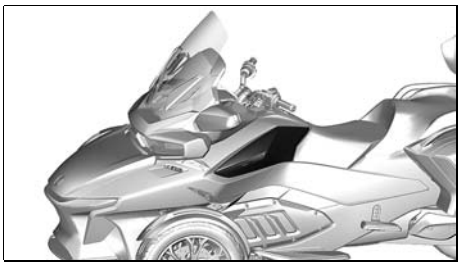
Installing the Right Service Cover

1. Insert the front retaining tab first.
2. Align the other retaining tabs with their slots.
3. Push near the retaining tab locations to fix the service cover.



219002072-064

Left Service Cover

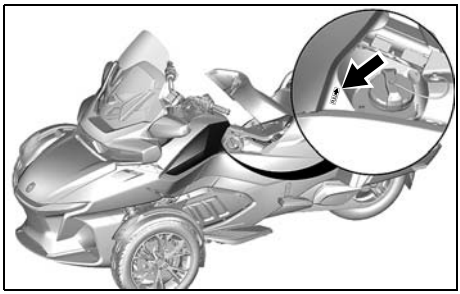


219002072-062

The left service cover must be removed to reach the engine air filter.

Removing the Left Service Cover

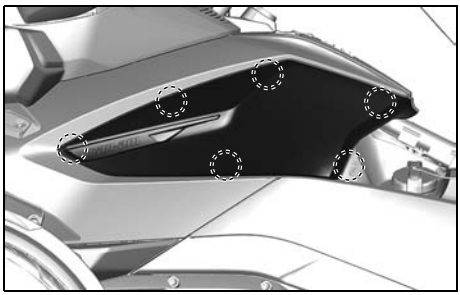
1. Open the operator seat.
2. Pull the rear lower end of the service cover to unlatch it.



219002072-065

3. Pull the service cover to remove it from the vehicle.

Note: Six retaining tabs hold the service cover in place.

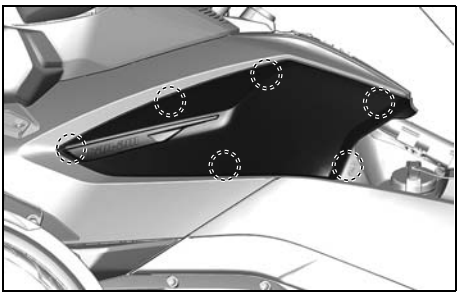


219002072-066

RETAINING TAB LOCATIONS

Installing the Left Service Cover

1. Insert the front retaining tab first.
2. Align the other retaining tabs with their slots.
3. Push near the retaining tab locations to fix the service cover.

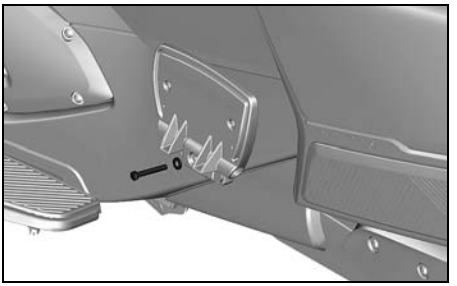


219002072-066

Adjusting the Passenger Footrest

For the passenger's comfort, its footrest height can be adjusted.

1. Flip the footrest upward.
2. Remove the footrest retaining screw and its washer.

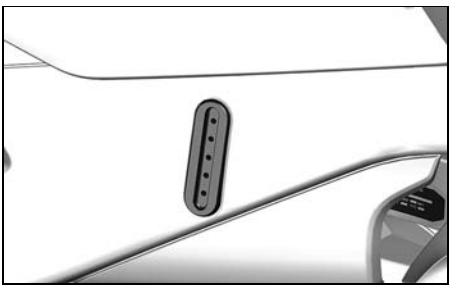


219002072-038

Note: A wrench is available in the tool kit to do this.

3. Reinstall the footrest at the desired height. Tighten retaining screw to the specified torque.

Note: Five positions are available.



219002072-039

TIGHTENING TORQUE	
Passenger footrest screw	24.5 Nm ± 3.5 Nm (18 lbf-in ± 3 lbf-in)

Starting and Stopping the Engine

Starting the Engine

⚠ WARNING

Exhaust gas contains poisonous carbon monoxide that can rapidly accumulate in an enclosed or poorly ventilated area. If inhaled, it can cause serious injury or death. Only run the engine in an unenclosed, well ventilated area. See the *GENERAL PRECAUTIONS* section.

Note: The vehicle can be started in any gear with the brake pedal pressed. The transmission automatically shifts to neutral when the engine has been started.

1. Push down and hold the brake pedal.
2. Turn the key to ON.

NOTICE Do not apply throttle while electrical system is initializing.

3. Refer to the Safety Card as needed to prepare yourself, your passenger and the vehicle, then press the MODE button to allow engine starting.
4. Set the engine stop switch to the RUN/ON position.
5. Press and hold the engine start button until the engine starts. Do not hold the start button for more than 15 seconds. If it does not start, release the button and wait 30 seconds to let the starter cool down before trying again.

NOTICE Do not apply throttle while starting the engine.

6. Check the display for problems and to ensure that the oil light turns off.
7. Release the parking brake. Make sure the brake indicator lamp on the multifunction gauge is off.

Stopping the Engine

1. Shift into neutral.
2. Set the engine stop switch to OFF.
3. Engage the parking brake. The brake indicator lamp will turn on.
4. Turn the key to OFF.

Note: If the parking brake is not engaged while the key is OFF, the parking brake indicator lamp will flash and a beeper will sound.

5. Before dismounting, check that the parking brake is fully engaged. Rock the vehicle back and forth.

⚠ WARNING

Always engage the parking brake. The vehicle can roll if the parking brake is not engaged, regardless of what gear it is in. The clutch is always disengaged when the vehicle is stopped, so the transmission will not hold the vehicle in place.

Pushing the Vehicle

Note: Before pushing the vehicle, ensure the ignition key is in the ON position.

⚠ CAUTION

Avoid pushing the vehicle on a slope. If you must push the vehicle on a slope, take extra care to stay within reach of the brake pedal in case the vehicle starts to roll.

To move the vehicle a short distance without starting the engine:

1. While seated on the vehicle, push down and hold the brake pedal.
2. Disengage the parking brake.
3. Dismount on the right side of the vehicle, keeping your foot on the brake pedal.
4. Push the vehicle, using the brake as needed.

CAUTION

Only push from the right side, so you can reach the brake pedal. Stay clear of the hot exhaust pipe.

When pulling the vehicle backward, be careful that the front wheel does not roll over your feet.

5. Remount the vehicle and park as specified above.

Operating in Reverse

For safe operation in reverse, refer to *SAFE OPERATING INSTRUCTIONS* section.

Shifting Into Reverse

1. With engine running, the vehicle stopped, and the brake depressed, shift into first gear or neutral.
2. Press and hold the reverse button.
3. Pull the gearshift selector toward you to downshift to reverse.

Driving in Reverse

Check that the area behind you is clear and continue to look backwards while you operate in reverse. Keep your speed low and do not back up for long distances.

Shifting Out of Reverse

To shift out of reverse, stop vehicle and push on upshift selector quickly to shift into neutral and more longer to shift in first gear.

Note: To shift out of reverse into 1st gear, press the brake pedal and shift up.

Operation During Break-In

A break-in period of 1 000 km (600 mi) is required for the vehicle.

During the first 300 km (200 mi), avoid hard braking.

⚠ WARNING

New brakes and tires do not operate at their maximum efficiency until their break-in is completed. Braking, steering and VSS performance may be reduced, so use extra caution. Brakes and tires take about 300 km (200 mi) of riding with frequent braking and steering to break-in. For riding with infrequent braking and steering, allow extra time to break-in the brakes and tires.

During the first 1 000 km (600 mi):

- Avoid full throttle acceleration.
- Avoid prolonged riding maintaining constant RPM.
- If the cooling fans operate continuously during stop and go traffic, pull over and shut off the engine to let it cool off or speed up to let air cool off the engine.

After the break-in period, your vehicle should be inspected as per the *MAINTENANCE SCHEDULE*.

Fueling

Fuel Requirements

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

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

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

sult in engine performance problems or engine damage.

Recommended Fuel

Use premium unleaded gasoline with an AKI (RON+MON)/2 octane rating of 91, or an RON octane rating of 95.

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

NOTICE Do NOT use fuel from fuel pumps labeled E85.

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

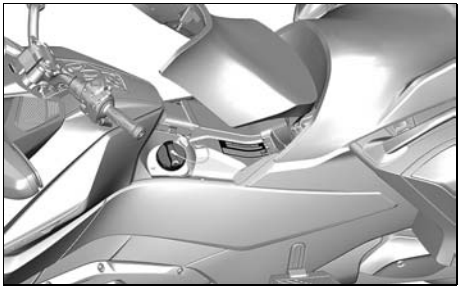
Refueling Procedure

⚠ WARNING

Gasoline is extremely flammable and highly explosive. Follow the refueling procedure to reduce the risk of fire or explosion. See the *GENERAL PRECAUTIONS* section.

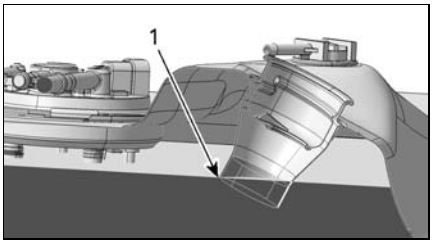
To refuel the vehicle:

1. Park outdoors in a well ventilated area away from flames, sparks, anyone smoking and other sources of ignition.
2. Stop the engine.
3. Unlatch and lift the operator's seat (see *EQUIPMENT*). The fuel cap is located on the left side.



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4. Slowly rotate cap counterclockwise and remove it.
5. Fill the tank until the fuel level reaches the higher point of the filler tube.



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TYPICAL

1. Higher point of the filler tube

Note: Do not try to top off the fuel tank. Leave some room for the fuel to expand with temperature changes.

6. Wipe up any spilled fuel. If fuel spills on you, wash with soap and water and change your clothes.
7. Put cap on and fully tighten clockwise until you hear a click. Never start or operate the engine with the fuel cap removed.
8. Close seat.

Adjusting the Rear Suspension

Base Models

The rear air suspension is pressurized for general operation. If the vehicle load changes (adding a passenger, riding with more cargo etc.) or if a softer or a harder setting is desired, the pressure of the rear suspension can be changed to your preferences.

The suspension pressure is adjustable by deflating or inflating the air spring. Use an air compressor (from a gas station) and a pressure gauge.

To soften suspension, reduce the air pressure and to harden suspension, increase air pressure.

Note: The following chart is a guideline only. You may adjust the pressure to your riding preference as long as you do not exceed the maximum allowed pressure.

NOTICE Do not exceed the maximum allowed pressure. This might damage the air suspension.

⚠ WARNING

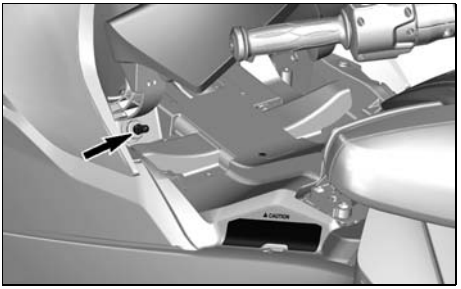
MINIMUM PRESSURE 70 kPa / 10 Psi / 0.7 bar
DO NOT EXCEED RECOMMENDED PRESSURE BY 70 kPa / 10 Psi / 0.70 bar

LOAD		(PASSENGER + CARGO) Kg / Lb 704905155				
		0	45/100	70/150	90/200	115/250
DRIVER	Kg/Lb	kPa/Psi/bar	kPa/Psi/bar	kPa/Psi/bar	kPa/Psi/bar	kPa/Psi/bar
	70/150	310/45/3.10	380/55/3.80	450/65/4.50	480/70/4.80	515/75/5.15
	90/200	345/50/3.45	415/60/4.15	480/70/4.80	515/75/5.15	550/80/5.50
	115/250	380/55/3.80	450/65/4.50	515/75/5.15	550/80/5.50	585/85/5.85

704905155

Note: When adjusting the pressure, do not put your weight on the vehicle and do not load cargo in the storage compartment.

The air spring is connected directly to an air hose with a schrader valve located under the seat.



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To change the air pressure, proceed the same way as for setting the pressure in a tire.

When finished, ensure to reinstall cap on the valve.

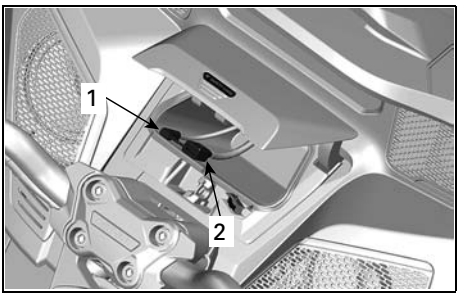
Limited Models

The rear suspension is calibrated for a general riding and will adjust automatically, using an integrated compressor, while riding to maintain this preset when the road conditions change or if the vehicle load changes (adding a passenger, riding with more cargo etc.).

Note: It is normal to hear pressure release or the air compressor operating while engine is running. It indicates the suspension is self-adjusting.

Using the Audio in Jack

An audio input jack is provided in the glove box.



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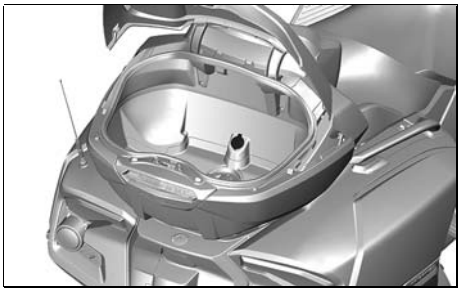
1. Audio in jack

2. USB jack

Any audio player connected in this jack will be played through the audio system. Depending your device, it can be totally, partially or not controlled through the ECC and the keypad.

The front USB port **must** be used to run the BRP Connect app. Refer to *GAUGE* section for complete information.

The USB ports located inside the top storage compartment are only used to charge a smartphone. No data is transferred through the rear USB port.



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SAFE OPERATING INSTRUCTIONS

WHAT'S DIFFERENT FROM OTHER VEHICLES

This section will help you understand some of the vehicle distinctive features and operating characteristics.

Stability

The three-wheeled “Y” configuration provides greater low-speed stability than a motorcycle. However, it is not as stable as a four-wheeled vehicle such as an automobile. Driving aid technologies, like the electronic Vehicle Stability System (VSS), help maintain stability during maneuvers, but you can still lose control, tip or roll the vehicle due to extreme maneuvers (such as hard turns at high speeds) or striking uneven surfaces or objects. In addition, the operator or passenger can fall off due to hard turns, acceleration, braking or impacts.

Response to Road Conditions

This vehicle responds differently than other vehicles to certain road conditions.

- Do not ride off-road or on ice or snow.
- Avoid puddles and running water. The vehicle hydroplanes more easily than a car. If you must go through water, slow down.
- Slow down on gravel, dirt or sand covered roads.
- Driving at temperature lower than 6 °C (43 °F) will result in reduced adherence.

Refer to *STREET STRATEGIES* for detailed instructions.

Brake Pedal

One pedal brakes all three wheels. There is no hand-operated brake, and there is no way to brake front and rear wheels separately.

The braking and steer are similar to a motorcycle. Be aware of vehicle behind you, they may not able to stop or react as quickly.

Anti-Lock Braking System (ABS)

The vehicle is equipped with an Antilock Braking System (ABS) as part of the Vehicle Stability System (VSS). For hard braking, press and hold the brake pedal. ABS will prevent wheels from locking.

This system helps to maintain the steering control during an emergency braking situation by keeping the brakes from locking.

Parking Brake

The parking brake mechanically brakes the rear wheel only, and it locks in place when engaged. It is not controlled by driving aid technologies (e.g.: ABS, Electronic Brake Distribution).

Steering

Direct Steering

To steer this vehicle, always steer in the direction of the turn.

Motorcyclists — Do not countersteer as it is done on a motorcycle. Unlike a motorcycle, this vehicle cannot lean while turning. If you are a motorcyclist, you must relearn how to turn. Practice steering in the direction of the turn at all speeds until you are proficient.

Sideway Forces in Turns

Unlike a motorcycle, this vehicle does not lean in turns. You will feel sideways forces pushing you to the outside of the turn.

To maintain balance, the operator and passenger must hold back with their both hands and keep their feet firmly planted on the footpegs.

In tight turns, it may help to lean your upper body forward and toward the inside of the turn.

Width

Because this vehicle is wider than a typical motorcycle:

- Always keep the front wheels in your lane. Be especially aware of the front wheels location when entering in a curve or during an overtaking.
- Do not share lanes or split lanes (ride between two lanes of traffic). Group riding should proceed in a single file, even with motorcycles.
- Be prepared to swerve farther to avoid obstacles.

Reverse



This icon turns ON when the Reverse is selected

This vehicle operates in reverse like a car. However, there are some important differences:

- The backup lights turn on when it is in reverse. Be aware that other motorists might not know that you are about to back up.
- If necessary, have the passenger dismount if your visibility is limited.
- Remember that the front is wider than the rear. Do not back up too close to objects or you may hit them with the front tires.
- Keep your speed low and do not back up for long distances.
- When possible, park so that you do not have to back out of the parking space.

⚠ CAUTION

Always keep both feet on the pegs while operating in reverse. Never put your feet on the ground while backing-up.

Driver's License and Local Laws

Driver's license requirements for operating this vehicle vary by location. Depending on local laws, you may need a motorcycle endorsement, a specific endorsement for a three-wheeled vehicle, or just a standard automobile driver's license.

Check with local authorities to make sure you have the proper license before operating the vehicle on public roads.

Vehicle Stability System (VSS)

This vehicle is equipped with a Vehicle Stability System (VSS).

This system helps to keeping the control of the direction and reduce the risk of tipping or rolling over in some situations.

The VSS is composed of:

- An **Antilock Braking System (ABS)** that helps maintain steering control during an emergency braking situation by keeping the brakes from locking.
- An **Electronic Brake Distribution (EBD)** system that automatically adjusts the brake balance between all three wheels. With the ABS, EBD helps maintain directional control and maximize the braking force depending on the traction available.
- A **Traction Control System (TCS)** that helps prevent the rear wheel from slipping under throttle demand. The TCS will limit rear wheel spin only if you turn the handlebar (steer out of straight line) or if vehicle speed exceeds 50 km/h (31 mi/h). When off-throttle (deceleration), the TCS will prevent the rear wheel from blocking.
- A **Stability Control System (SCS)** is designed to limit the power driving the rear tire and to brake individual wheels, which reduces the risk of losing control of the vehicle or rolling over.

Note: The VSS light in the gauge will turn on when VSS intervenes and will remain on for 2 seconds after VSS intervention.

Limitations

VSS cannot help you maintain control in all situations.

Surfaces with Poor Traction

The grip of tires on the road surface limits the maximum braking. Even with ABS and EBD, your stopping distance will be longer on surfaces with poor traction' if you do not maintain the recommended tire pressure or if tire tread condition is degraded.

If your tires lose traction with the road surface you may lose control of the vehicle, even with VSS.

If the paved road surface is covered or partially covered with ice, snow or slush, there is not enough traction available to maintain control of the vehicle, even with VSS. Do not operate on snow, ice or slush.

Note: The grip of the vehicle tires starts to decrease below 6 °C (43 °F).

Like other on-road vehicles, this vehicle can hydroplane on water (lose traction on a layer of water). If you ride too fast into a layer of water, such as a large puddle or flowing water on the road, the vehicle can lose traction and spin out, and the VSS cannot keep you in control. Avoid large water puddles or water streams, and slow down or pull off the road during heavy rains. If you must pass through water, slow down as much as possible before you reach it.

Reduce speed on surfaces with poor traction, like mud, sand, gravel or wet pavement. This vehicle is not for off-road operation. Always operate the vehicle on maintained roadways. Do not use the vehicle on any other terrain.

Tires

The VSS on the vehicle has been calibrated to perform best with a tire of a specific size, material and tread pattern. Replacing your tires with ones not approved by BRP can cause the VSS to be ineffective.

Use only BRP recommended tires, which can be ordered only from an authorized Can-Am On-Road dealer.

Proper tire inflation pressure and tread condition are important for maintaining traction, especially on loose or wet surfaces.

Hard Turns

The VSS does not control or limit steering input — it cannot keep you from turning too sharply. Large and rapid steering handlebar movements can cause the vehicle to go out of control, spin, tip or roll over.

Excess Speed

The VSS does not control the vehicle speed, except when SCS intervenes during a turn. VSS does not prevent the vehicle from entering a turn too fast. If you drive too fast for conditions, you can lose control, even with VSS.

Excess Weight

Never load vehicle above specified values.

Total Vehicle Load Allowed
252 kg (556 lb)

Dynamic Power Steering (DPS)

The DPS (Dynamic Power Steering) provides a computer controlled, variable power assist, achieved by an electric motor to optimize the amount of steering effort required by the rider.

The steering assist level is dependent of the handlebar effort, the steering angle and the vehicle speed.

When vehicle is in the reverse gear, power steering assist will decrease as vehicle speed increases.

UNDERSTANDING RISK ON THE ROAD

Before operating this three-wheel vehicle, read the safety card and all on-product safety labels.

Consider your risk of being hurt or killed in a crash, think how you can reduce this risk and whether, you are willing to take this risk.

There are many factors that contribute to the risk that you face. You can control some of these factors, but others, like the behavior of other drivers, are beyond your control.

Here are some of the factors that affect your risk:

Type of Vehicle

Different types of vehicles vary in terms of size, visibility and maneuverability and provide different degrees of protection.

This vehicle is small and maneuverable. Maneuverability can help avoid crashes. However, smaller vehicles are harder to see, which increases the chance that other motorists will cause a crash. In some situations, this vehicle is less likely to be in a crash than a motorcycle. For example, you are less likely to tip over at low speeds while operating the vehicle. However, in other situations, the vehicle is more likely to be in a crash. For example, because the vehicle is wider, it will not fit through as small an opening as many motorcycles.

In cars and trucks, the structure of the vehicle provides protection in crashes and from other road hazards. In addition, passengers can protect themselves by wearing seat belts. You should expect that riding this vehicle is riskier than riding in a car and that the risk of injury is more like riding a motorcycle.

As when riding a motorcycle, you can reduce the risk of injuries by wearing a helmet and riding gear.

Operator Skills and Judgment

Every driver has some control over their own risk on the road. Drivers who develop good skills will have better control of their vehicle. Do not rely on your experience with motorcycles, automobiles, ATVs, snowmobiles or any other kind of vehicle to prepare you to operate this vehicle. Learn how this vehicle is different. Read this Operator's Guide and if available, take a training course. Become proficient with the controls and be able to do the practice exercises accurately and with confidence before going on the road.

In addition to reading this Operator's Guide, you should watch the video located at:

https://can-am.brp.com/spyder/owners/safety/safety-information.html

Or, use the following QR code.

When you begin riding on the road, start with less challenging situations (e.g., light traffic, lower speeds, good weather, no passenger) and gradually move on to more challenging riding situations as you develop your skills. Plan ahead to avoid situations that are too difficult for your skill level, or that

present more risk than you want to take on.

Even skilled drivers cause crashes. For example, if you use your skills to do extreme maneuvers or stunts, you increase your risk. The smart driver uses good judgment along with skills to increase the margin of safety and minimize risk. Learn the defensive driving techniques in *STREET STRATEGIES*.

Rider Condition

A driver needs to be alert, sober, and physically ready to ride. Never use this vehicle with drugs or alcohol. Riding when intoxicated, tired or otherwise impaired increases the risk of a crash.

Alcohol, drugs, medications, fatigue, drowsiness and emotions can all inhibit your ability to ride safely. Like riding a motorcycle, riding this vehicle is a challenging activity – being in good physical and mental condition is even more important than for a car. The safest policy is to never operate the vehicle unless you are alert and completely sober. Even if your blood alcohol level is not over the legal limit, your judgment and skills are impaired by any alcohol consumption.

You must be physically able to operate all controls, turn the handlebar through the full range of steering, mount and dismount, and monitor your surroundings to operate the vehicle.

Passengers also need to be alert, sober and physically able to maintain their posture, hold on and react appropriately to curves, bumps, acceleration and stops.

Vehicle Condition

Keep your vehicle in good condition.

Do pre-operation checks and perform regular maintenance. Watch for any messages on the multifunction gauge when you start the vehicle, and address any problems before you ride.

Always use the multifunction gauge with extreme caution. Prolonged attention to the display while riding significantly increases the risk of a crash.

Road and Weather Conditions

Roads with heavy traffic, poor visibility or poor traction surfaces increase your risk. Choose routes that are appropriate for your skill level and the level of risk you are willing to accept.

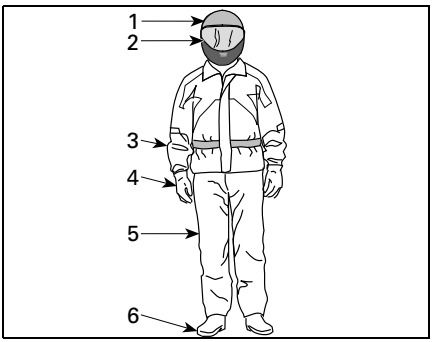
RIDING GEAR

Riding this three-wheeled, open-air vehicle requires the same protective gear as motorcycling. Even though the vehicle is more stable at low speeds than a motorcycle, you can still be thrown off.

This section is based on guidance for motorcyclists given by the Motorcycle Safety Foundation (MSF).

In the event of a crash, protective gear may prevent or reduce injuries. Protective gear also helps you stay comfortable and can help provide protection against the elements.

Recommended basic protective gear for riders and passenger includes sturdy over-the-ankle footwear with non-slip soles, long pants, a jacket, full-fingered gloves and, above all, an approved helmet with proper eye protection.



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RIDING GEAR

1. *Approved helmet*
2. *Eye and face protection*
3. *Jacket with long sleeves*
4. *Gloves*
5. *Long pants*
6. *Over-the-ankle footwear*

Proper apparel can reduce the severity of injuries in case of a crash, either for the operators and/or the passenger.

Helmets

Helmets protect the head and brain from injury. A helmet can also protect the passenger's face from impact with the back of the operator's helmet. 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.

A full-face helmet gives the most protection against impacts since it covers all of the head and face. It can also protect against debris, stones, insects, etc.

A three-quarter or open-face helmet can also offer protection. It is constructed with the same basic components but does not offer the face and chin protection of full-face helmets. If you wear an open-face helmet, you should use a snap-on face shield or a pair of goggles.

Note: Ordinary glasses or sunglasses are not sufficient eye protection for a motorcyclist. They can shatter or fly off, and they allow wind and airborne objects to reach the eyes.

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

Other Riding Gear

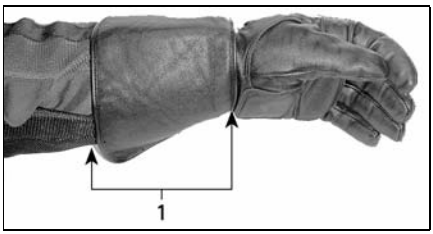
Footwear

Always wear closed toe footwear. Sturdy over-the-ankle boots protect against a variety of riding hazards, such as stones that get thrown up from the roadway and burns from the hot exhaust pipe.

Avoid long shoelaces that can be tangled in the gearshift lever, brake pedal or other parts. Rubber soles and low heels are a good idea to help keep feet on the footrests.

Gloves

Full-fingered gloves protect hands from the wind, sun, heat, cold and flying objects. Gloves that fit snugly will improve grip on the handlebar and help reduce hand fatigue. Sturdy, reinforced motorcycle gloves help protect hands in the event of a fall. Gloves made specifically for motorcyclists have seams on the outside to prevent irritation, and are curved to provide a natural grip when curled around the handgrips. If gloves are too bulky, it may be difficult to operate the controls. Gauntlets keep cold air from going up sleeves and protect the wrists.



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1. Glove gauntlet

Jackets, Pants and Riding Suits

Wear a jacket and long pants, or a full riding suit. Quality motorcycle-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. Some gear includes padding or hard armor that may further reduce the risk of injury in a crash. Pants also help protect against burns from hot parts.

Protective gear sold for motorcycling will often provide the best combination of fit and protection. These garments are designed to fit while sitting in a riding position. They are cut longer in the sleeves and legs and are fuller across the shoulders. Riding suits are available in both one-piece and two-piece sets.

Leather is a good choice because it is durable and wind-resistant and provides protection against injury. Other abrasive-resistant protective gear made of synthetic fabrics are good choices, too. Do not wear loose or long clothing or scarves that can become tangled in the moving parts.

Flaps and fasteners seal out the wind. A jacket with a zippered front will be more wind resistant than a jacket with buttons or snaps. A flap of material over the zipper of a jacket gives additional protection against the wind. Jackets with snug cuffs and waist are recommended to keep wind from blowing in. A large, loose collar can flap when riding and may irritate skin or be a distraction.

In cool-weather riding, protect yourself against hypothermia. Hypothermia, a condition of low body temperature, can

cause loss of concentration, slowed reactions and loss of smooth, precise muscle movement. In cool conditions, proper protective gear like a windproof jacket and insulated layers of clothing are essential. Even at moderate temperatures, you can feel very cold due to the wind while riding.

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

Riding gear can also help a rider be more visible. Wearing bright colors is a wise choice. If a dark jacket is worn, an inexpensive reflective vest can be worn over it. It is a good idea to put extra reflective tape on garments worn regularly while riding.

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 than a rider who is wet and cold.

One or two-piece styles are available, and those designed specifically for motorcycling are best. High-visibility orange or yellow colors are good choices. A feature to look for is elastic in the waist, pant legs and sleeves. The jacket should have a high collar and zip up with wide flaps across the opening. When purchasing a rain suit, consider adding waterproof gloves and footwear.

Remember, if the weather is wet, it is best to avoid riding. If you do ride in wet weather, you may need to stop if water starts to accumulate on the road.

Hearing Protection

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

REQUIRED RIDING SKILLS AND PRACTICE EXERCISES

Before you take this vehicle on the road, you need to develop riding skills and strategies for managing risk on the road.

If you have experience with motorcycles or other motor vehicles, pay particular attention to how the operation and performance of this vehicle are different from vehicles you are used to.

The following exercises will familiarize you with the basic operation of the vehicle. Practice each exercise until you can perform it proficiently before moving on to the next. If you tow a trailer, practice all the exercises riding with the trailer.

This section includes the following exercises:

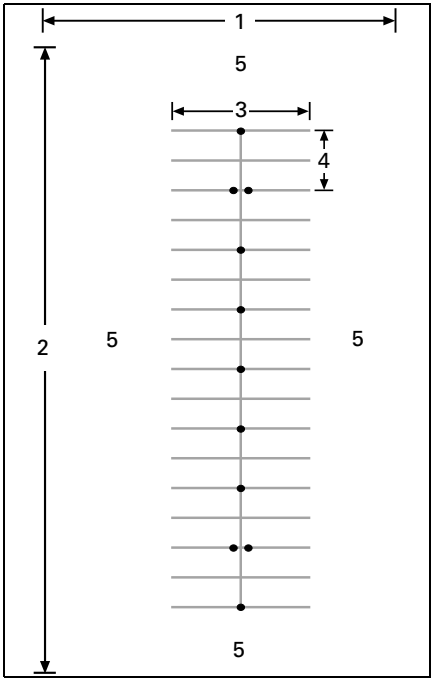
1. Revving the engine and using the engine stop switch
2. Starting, stopping, and basic handling
3. Engine stop while in motion
4. Basic turns
5. Quick stops
6. Weaves
7. Shifting
8. Swerve
9. Operating in reverse.

Choosing a Practice Area

Perform these exercises in a paved area at least 76 m - 30 m (250 ft - 100 ft) that is not open to traffic. A closed, well marked parking lot without obstacles (light poles, curbs, etc.) makes a good practice area. Be aware of oil left by parked cars. Look for parking lots that are empty during off hours, such as at schools, churches, community centers or shopping centers. Do not trespass on private property.

Once you have selected a suitable location, get permission to use it from the owner. If there are obstructions, such as light poles or islands, be sure that they do not interfere with the required open paths shown in the diagram below.

Keep this basic parking lot diagram in mind when setting up the exercises. 3 m (10 ft) wide parking lot spaces are indicated in the diagrams for convenience, but the size of the spaces in the lot you use may be different. If the parking lot you choose does not have lines or if the parking spaces are sized much larger or smaller than the ones in the diagrams, use the dimensions shown below. Mark them using a tape measure and chalk or markers such as cones or milk containers weighted with water or sand.



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TYPICAL - PARKING LOT

1. *At least 30 m (100 ft)*
2. *At least 75 m (250 ft)*
3. *12 m (40 ft)*
4. *6 m (20 ft)*
5. *Open area*

Even in a closed lot, be aware of potential traffic. Check to the front, sides and rear before doing an exercise. Also, watch out for children and animals.

Preparing to Ride

Know the location and operation of all the vehicle controls.

Perform the pre-ride inspection; see *PRE-RIDE INSPECTION* section.

Always start and stop the engine according to the instructions in *STARTING AND STOPPING THE ENGINE* in *BASIC PROCEDURES*.

Riding Posture

Good posture helps you maneuver the vehicle more easily. Always keep both hands and both feet in position so that you can operate the controls easily. The wrist should typically be aligned straight with the arm (this position helps you apply the amount of throttle you want). Arms should be relaxed and bent. Keep your back straight and your head and eyes up. Keep both feet on the pegs near the controls.

Never operate the vehicle, even for a short distance, unless you are in the proper riding posture.



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TYPICAL — RIDING POSTURE

Practice Exercises

1) Revving the Engine and Using the Engine Stop Switch

Purpose

- Become familiar with the operation of the twist throttle.
- Become familiar with the sound of the engine at different RPMs. This will help you to know when to upshift and downshift based on the engine sound.
- Become familiar with using the engine stop switch.

Directions

- Start with the vehicle in NEUTRAL, the parking brake engaged, and your right foot on the brake pedal. Check the multifunction gauge to be sure you are in NEUTRAL – if you are in first gear, it will try to start moving when you apply the throttle.
- Watch the tachometer and apply throttle (twist by lowering your wrist) a few times to raise the RPM to no more than 4000. Practice applying the throttle gently and smoothly, holding it steady at about 3000 RPMs, and releasing it. As long as the transmission is in neutral the power will not transfer to the rear wheel.
- Use the engine stop switch to cut all power to the vehicle. Press the switch with your right thumb while keeping your hand on the handgrip.

Tips for Additional Practice

- Practice pressing the engine stop switch without looking at it.

2) Starting, Stopping and Basic Handling

Purpose

- Learn throttle control and how to get the vehicle moving.
- Become familiar with low speed deceleration and braking.

Directions

If you feel like you are losing control while doing these exercises, release the throttle to stop accelerating and apply the brake as needed to slow down. You can also use the engine stop switch to cut power entirely.

2a) Apply and Immediately Release Throttle

Directions

At first, you will only use the throttle for a moment at a time, then release it and coast.

- Start the engine and release the parking brake.
- With the brake pedal depressed, shift the transmission into first gear by pressing the gear selector forward.
- Release the brake.
- Slowly apply throttle until the vehicle starts to creep forward. As soon as you start moving release the throttle and coast, then press the brake to stop. Repeat to the end of the straightaway.
- To turn around at the end of the straightaway, stop, turn the handlebar all the way to the right, then briefly apply and release the throttle, and coast through the turn. You

may need to briefly apply the throttle more than once to complete the turn. Stop when you are in line with the straightaway in the opposite direction.
- Continue with this part of the exercise until you are comfortable with applying and releasing the throttle.

2b) Hold Throttle, Release and Stop Every 12 m (40 ft)

Next, you will be holding the throttle a little longer, then stopping every 12 m (40 ft) (every other marker/every fourth line).

- Again, slowly apply throttle until the vehicle starts to creep forward. This time, hold the throttle at this point.
- As you approach the stopping point, release the throttle and press the brake to stop.
- Turn around at the end of the straightaway as before, except now you do not need to release the throttle during the turn. Pay attention to maintaining a steady throttle position as you turn. Stop when you are in line with the straightaway in the opposite direction.

2c) Hold Throttle, Release and Stop at Ends

Next, use the entire straightaway, stopping only at the ends. Keep the throttle moderate.

3) Engine Stop while in Motion

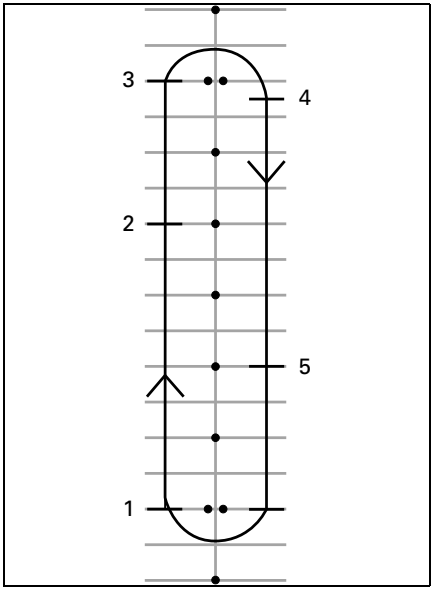
Purpose

- Become familiar with using the engine stop switch when in motion so you know how the vehicle will react if you need to use it later.

Directions

- Partway down the straightaway, while operating at 8 km/h (5 mi/h), turn the engine stop switch to OFF and coast to a stop.
- Restart the engine and repeat the exercise. Try increasing your speed (to a maximum of 20 km/h (12 mi/h)) before using the engine stop switch.

Note: Vehicle will not start in gear without brake pedal depressed.



rmo2008-001-046_c

1. *Start*
2. *Press engine stop switch*
3. *Proceed to end of straightaway, stop and turn as before*
4. *Stop*
5. *Press engine stop switch*

Restart the engine and proceed to the next exercise.

4) Basic Turns

Purpose

- Get comfortable turning in a controlled manner.

Directions

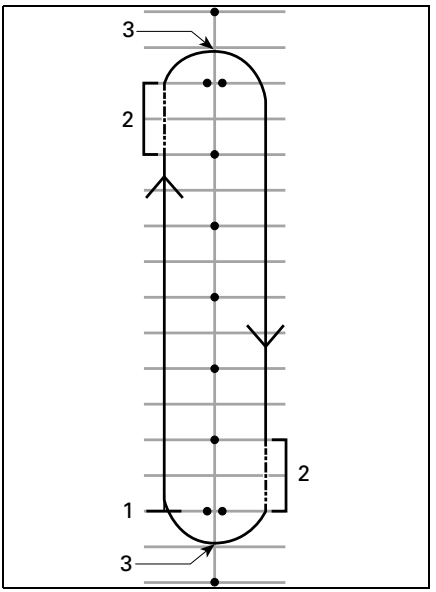
This exercise is similar to what you did before, except that now instead of stopping for each turn, you will make the turn at low speed.

- Roll in a straight line. Ride a little farther from the cones so you can make a wide arcing turn at the end of the straightaway.
- As you approach the curve, slow down to no more than 8 km/h (5 mi/h) by releasing the throttle and apply brake if needed.
- Hold the throttle to maintain your low speed.
- Look in the direction of the curve.
- Turn the handlebar in the direction of the curve, pulling on the inside handgrip and pushing on the outside, being careful not to apply throttle.
- Leaning forward and into the curve may help you turn the handlebar more easily.
- Straighten your handlebar after the turn and proceed down the straightaway.



rmo2008-001-064

TTYPICAL — RIDING POSTURE WHEN TURNING



rmo2008-001-046_e

1. *Start*
2. *Friction zone*
3. *Apex*

Note: Motorcyclists — Riding through turns and curves with this vehicle is different than on a motorcycle. The vehicle does not lean in during a turn, so you may need to shift your body weight towards the inside of the turn to keep a comfortable posture on the vehicle. You will need to exert more force to turn the handlebar of your vehicle than is needed to turn a motorcycle. However, it is easier to stop while turning than with a motorcycle.

Tips for Additional Practice

- After you are comfortable turning in one direction, try going around the course the other way. Be careful not to apply more throttle than you intend when turning left.
- Stop at the apex of the turn to see what it is like to use your brakes in a curve or turn.

5) Quick Stops

Purpose

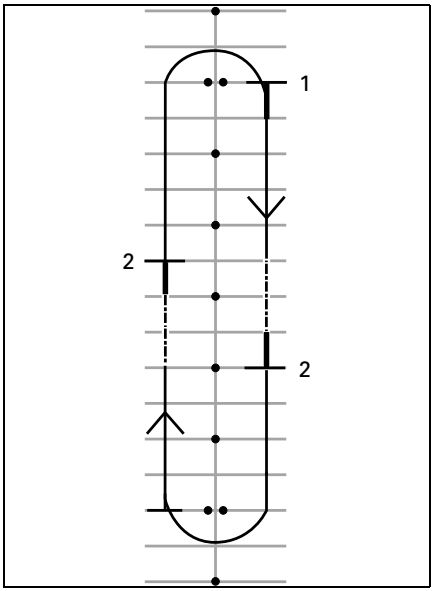
- Become familiar with the vehicle braking ability.
- Learn to apply brakes with maximum force.

Directions

This exercise is similar to what you did before, except you'll be applying the brake more firmly, working up to braking as hard as possible. The Antilock Braking System (ABS) will prevent the wheels from locking and help you maintain steering control while applying maximum braking force. Always release the throttle completely for quick stops. If you apply throttle and brake at the same time, your stopping distance will be longer.

- Start at one end of the straightaway and accelerate to 8 km/h (5 mi/h).

  Partway down the straightaway, release the throttle completely and brake quickly. Never pump the brake as the ABS will prevent wheel lock.
- Keep head and eyes up, keep handlebar straight, and do not release the brake until fully stopped.
- Repeat, increasing your speed and braking harder.



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1. Start
2. Stop

Tips for Additional Practice

- Practice checking your mirrors before braking hard.

6) Weaves

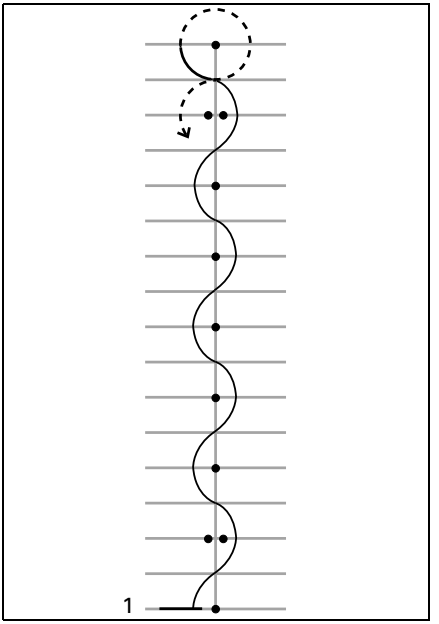
Purpose

- Get more experience with the vehicle handling and rider position.

Directions

6 m (20 ft)

1. Weave between every marker/intersection of every other parking spot. Keep your speed low initially as you get used to making the changes of direction.
2. Lean into each turn and turn the handlebar in the direction you want to go by pulling and pushing the grips.

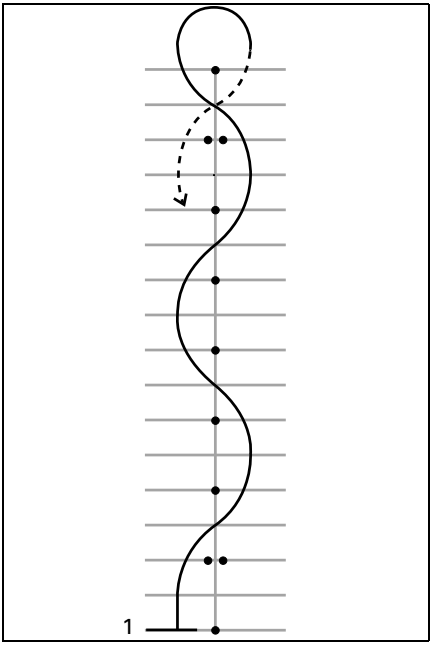


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1. Start

12 m (40 ft) Weave

Once you're comfortable, try doing 12 m (40 ft) weaves between every other cone/every fourth parking space.



rmo2008-001-046_k

1. Start

Tips for Additional Practice

- You can gradually increase speed as you get comfortable to 16 km/h - 19 km/h (10 mi/h - 12 mi/h) for the weaves, but slow down for the U-turns at the ends.

7) Shifting

When riding, you must change gears to match the engine speed with road speed. Lower gears are used for lower speeds and higher gears are used for higher speeds, just like on a manual transmission car or truck.

The transmission will automatically downshift if the engine speed drops under 1800 RPMs.

Purpose

- Learn to upshift and downshift.

Directions

This exercise is similar to what you did before, except now you will be upshifting on the straightaways, then coming to a stop at the end of each straightaway. You may want to use the parking lot aisles for this exercise rather than riding in the spaces.

7a) Practice Using the Gear Selector at a Stop

First, while stopped, practice to single shift between reverse, neutral and first gear. Then practice to:

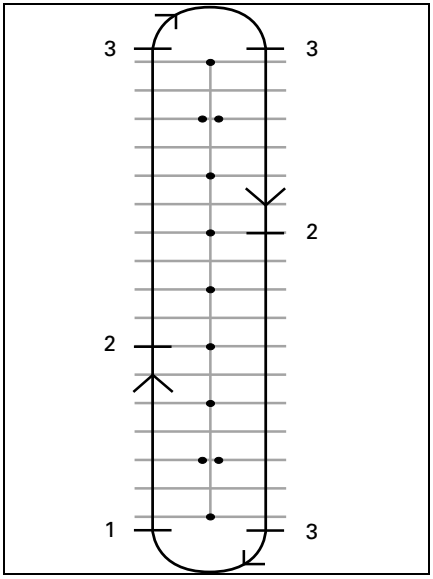
- Double shift from reverse to first gear
- Double shift from first to reverse gear
- Repeat until you are comfortable.

7b) Upshifting from First into Second Gear

- In the straightaway, accelerate until the engine speed reaches 3000 RPM.
- Press the gear selector forward to shift into second gear. You do not have to release the throttle while shifting.
- Once you are comfortable, if space allows, you can adjust the throttle to increase speed in second gear.

As you approach the end of the straight-away, come to a stop:

- Release the throttle.
- Apply brake.
- The transmission will downshift automatically as the speed slows. You can also manually downshift by pulling the gear selector towards you.



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1. *Start*
2. *Shift into second at 25 km/h (16 mi/h)*
3. *Stop*

7c) If Space Allows, Practice Downshifting into First While Moving

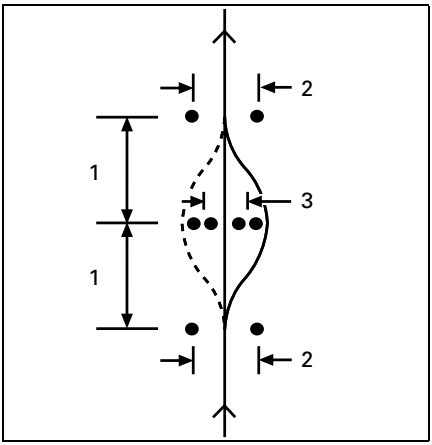
In the straightaway:

- Pull the gear selector toward you without releasing throttle.
- You will feel more engine braking when you downshift without throttle.

7d) Other Gears

If space allows, you can try shifting into and out of higher gears as well. Follow the same process and shift UP or DOWN one gear at a time.

Note: Applying slightly more throttle while downshifting can help the engine rev up to match vehicle speed more quickly and make the downshift smoother. When you do not apply throttle while downshifting, engine braking will slow the vehicle. This can help you decrease speed, but remember that VSS does not control engine braking. If you shift into too low a gear when you are at high speed, the rear tire can skid and you can lose control, spin out, tip or roll over, particularly in a curve.



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1. 6 m (20 ft)
2. 3 m (10 ft)
3. 2.5 m (8 ft)

8) Swerve

Purpose

- Become familiar with the vehicle handling for quick maneuvers.
- Try different variations of braking and swerving.

Directions

At this point you will need to change your course. Set up your markers as shown in the diagram below. Do not use any fixed or hard, heavy objects as markers for this exercise.

- Enter between the double cones at about 8 km/h (5 mi/h) and maintain that speed throughout.
- Steer around the line of cones.
- Exit through the second set of double cones.
- Repeat the exercise multiple times, swerving in both directions.

Tips for Additional Practice

- You can gradually increase your entry speed (to no more than 13 km/h to 19 km/h (8 mi/h to 12 mi/h) and try some variations. For example, approach faster and slow before entering the exercise, apply brakes during the swerve, etc.
- A helper can add an element of surprise to the exercise by deciding which direction you should swerve, or if you should come to a stop instead. Have your helper stand at a safe distance away (e.g., beyond the end of your practice area). As you reach the first set of cones, the helper can use hand signals to indicate which direction to swerve or for you to stop.
- Practice checking your mirrors and blind spot before you swerve.

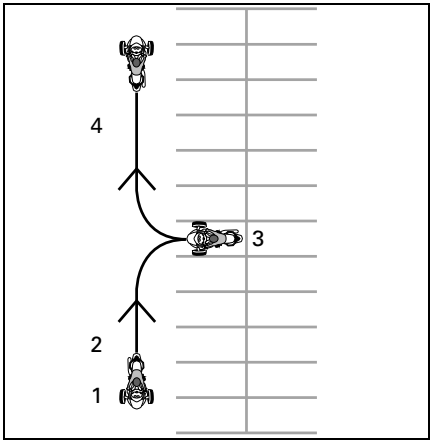
9) Operating in Reverse

Purpose

- Become familiar with the vehicle handling and turning radius in reverse.

Directions

- Shift into reverse. See *BASIC PROCEDURES*.
- Check that the area behind you is clear. Continue to look backwards. Be careful not to strike anything with your front wheels as you back up. Slow and stop by releasing throttle and using brake, just like when operating normally.
- Back for a few feet at time, stopping in between.
- Keep your speed low and do not back up for long distances.
- After you are comfortable with reverse, back into a parking space as shown in the following diagram.



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1. *Start*
2. *Reverse*
3. *Stop*
4. *Forward*

Developing Advanced Riding Skills

Once you have mastered basic riding skills, you can begin developing more advanced skills. First, learn the *STREET STRATEGIES* covered in the next section. Then you can take the vehicle on the road in relatively low-risk situations.

Start by riding in less challenging situations:

- Short distances
- Good weather
- Low traffic
- Daytime
- Lower speeds
- No passenger.

You can gradually move on to more challenging riding situations as you develop your skills.

STREET STRATEGIES

This section provides some strategies to reduce your risk on the road. Many of these strategies are similar to those used for motorcycles.

This section is based on guidance for motorcyclists given by the Motorcycle Safety Foundation (MSF). However, even experienced motorcyclists should read this section, as some strategies are different for this vehicle.

Plan your Trip

Always check weather conditions before riding the vehicle. Take appropriate gear for any weather you might encounter.

Plan a route and ride in conditions that are appropriate for your skill level.

The vehicle has a 26 l (6.9 U.S. gal.) fuel tank. When the low fuel indicator light flashes, fill fuel tank as soon as possible. Plan your refueling stops, particularly in unpopulated areas.

Defensive Riding

As with a motorcycle, defensive riding can help you avoid crashes. You need to stay alert at all times. Never stop watching your surroundings, including the area behind you. Always scan for potential hazards, plan ahead, and leave space and time to avoid trouble. Do not assume other motorists will see you or follow the rules of the road.

Following Distance

Always leave at least a two-second following distance between you and the vehicle in front of you when operating under ideal riding conditions. This means that you should pass any fixed point on the road at least two full seconds after the vehicle in front of you.

When conditions make braking distance longer, or visibility is limited, use a longer following distance for a greater margin of safety. For example, braking distance is longer on slippery road surfaces, down hills, or when carrying more weight, and visibility may be limited in fog, in curves or at night.

Scanning Ahead

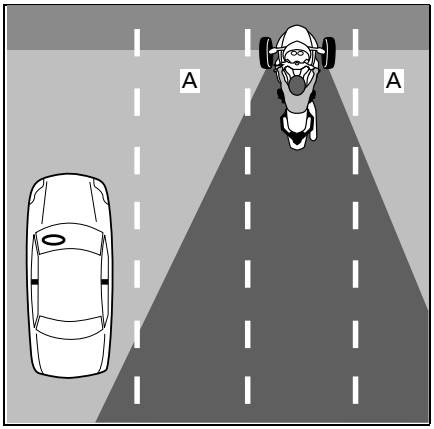
In addition to leaving adequate following distance to the next vehicle, scan ahead and plan your path even farther in advance.

Plan your immediate path at least four seconds ahead. Watch this path for hazards, such as anything in the road or anything entering the road.

Scan ahead 12 seconds along your anticipated path to identify potential hazardous situations before they happen. For example, look for intersections where other vehicles may appear or places where pedestrians might enter the road. Be prepared to respond if a hazardous situation develops.

Watch Behind and to the Sides

Vehicles and other hazards can approach from all directions. Constantly be aware of your surroundings. Check your mirrors frequently to see directly behind you. Also do frequent head checks (turn your head to look) to monitor your blind spot.



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A. Operator's blind spots

When braking, be particularly aware of vehicles behind you that may not be able to stop as quickly as you.

Keep your Eyes Moving

To stay aware of your surroundings, do not fixate on any one thing. Move your eyes constantly to monitor the road, traffic control markings, devices and other vehicles. Look near and far, in all directions.

Anticipate Trouble

Whenever you notice a potential hazard, plan a way to avoid it. This might mean adjusting your speed or lane position, or changing lanes. You should be ready for evasive maneuvers such as swerving and/or braking if something enters your path. Always leave time and space to react to trouble.

Being Visible

Motorists tend not to see smaller vehicles like motorcycles. Therefore you should use strategies to become more visible.

To Be More Visible to Other Motorists

Lighting and Reflectors

Make sure that the headlights, running lights and taillights on your vehicle work properly. Your vehicle is equipped with reflectors on the fenders, sides, and back. Make sure that all reflectors are clean and not broken or missing.

Use your high beams whenever possible, both day and night. Use low beams to avoid blinding other motorists at night or when too much light reflects back, such as in fog.

Signals

Use your turn signals to inform others of your intentions. This vehicle has automatic canceling turn signals, but they may not cancel after shallow turns. Make sure turn signals are off after you have completed your maneuver; leaving them on may confuse other motorists.

When possible, flash your brake lights before slowing and when waiting at

intersections, to alert motorists behind you.

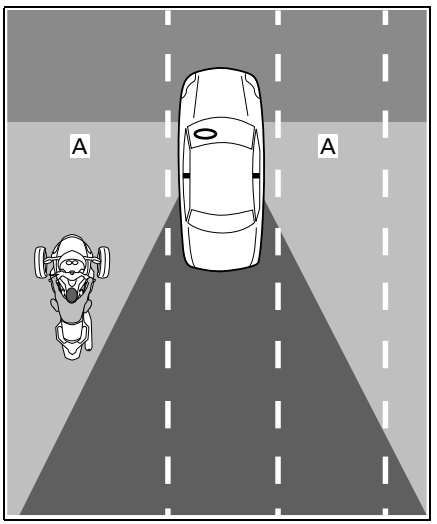
Use your emergency flashers to make yourself visible when needed.

You can also use your horn to attempt to alert other motorists of your presence.

Do not assume that other motorists will notice your lights, signals or horn.

Blind Spots

Avoid riding in the blind spots of other vehicles. Position yourself so that drivers ahead can see you in their mirrors. In some cases, such as when you are following a truck or a bus, you must be farther behind the vehicle in front of you.



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A. Blind spots of other vehicles

Time of Day and Weather

In dim light, such as at night, at dawn or dusk, or in poor weather such as rain or fog, you may be harder to see. Glare at dawn and dusk or very bright sunlight can also make it harder for other motorists to see you.

Clothing

Bright colors or reflective clothing can increase your visibility.

Be Careful Even When Motorists See You

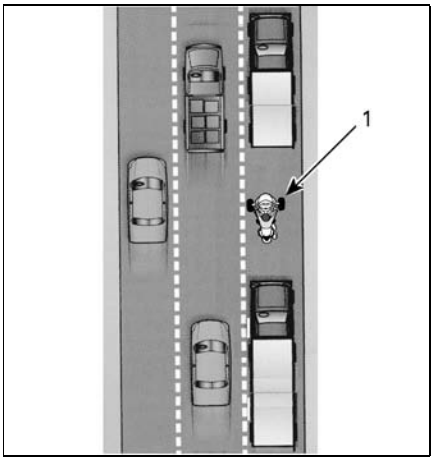
Even when motorists seem to notice you, they may still drive in a way that puts you at risk of a crash. Drive defensively, and do not rely on other motorists to operate their vehicles safely.

Lane Position

Normally, position the vehicle in the center of the lane. This position keeps the front tires in the lane. It also provides distance from vehicles in other lanes, reducing wind from large vehicles and reducing the risk of being struck by vehicles that leave their lane. This position also keeps your front wheels out of the slippery area in the middle of the lane, helping maintain braking and steering ability. If you are used to driving a car, remember that you are centered on this vehicle, rather than seated to the side, so your perspective is different.

You can move to the left or right part of the lane, to avoid hazards, keep distance from other vehicles, or handle curves. You can also move to the left or right part of the lane to get a better view or to be seen by other vehicles. Because of this vehicle center seat

position and width, it may be harder to see around traffic, even when you are near the edge of the lane. You may need a greater following distance behind wide or tall vehicles. Avoid putting your wheel outside of the lane to see around traffic. In order for drivers ahead to see you, you must be able to see their mirrors. When you are being followed by a large vehicle, passing vehicles may not be able to see you easily if you are not in the left part of the lane.



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1. Vehicles in left portion of lane

Because this vehicle is wider than a motorcycle, the range of lane positions is smaller. When riding in the left or right part of the lane be sure that the front wheels stay in the lane.

On multilane roads, choose a lane that is appropriate for your speed in the flow of traffic, and also consider your ability to see and be seen, and possible paths for evasive maneuvers (such as swerving into other lanes or onto the shoulder).

Common Riding Situations

Intersections

Intersections, including small intersections with alleys and driveways, present an additional risk due to the cross traffic. Always watch for traffic in all directions: behind, in front and to the left and right.

When stopping at an intersection, stop in the middle of the lane, even if you are preparing to turn. This can make you more visible and discourage other motorists from trying to drive around you. Watch for vehicles approaching from behind. Flash your brake lights as they approach. Be in first gear and be prepared to move if necessary to avoid a collision.

Lane Changes and Passing

Remember that this vehicle is wider than a motorcycle and needs more lateral space to pass another vehicle. Also remember that the vehicle is less visible than a car, so it is particularly important to signal your lane change well in advance and check your mirrors and blind spots. Be sure to turn off your turn signal after changing lanes; a lane change will not turn the handlebar far enough to automatically cancel the signal.

Never drive on the line between two lanes of traffic (split lanes). The vehicle is too wide.

Never drive on the shoulder to pass vehicles. If you put one wheel off the road, you can lose control.

Turns

Remember to slow, look, and steer through turns.

- **Slow:** Reduce speed as needed before entering a turn by rolling off the throttle, using the brakes, and/or downshifting to a lower gear. Enter the turn at a speed that you can maintain throughout the turn.

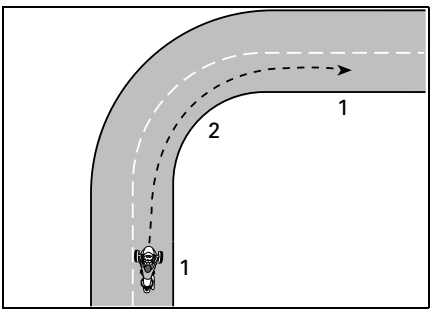
  Although this vehicle is better able to brake while turning than a motorcycle, it is still important to slow down before you enter a turn or curve rather than braking in the turn. Braking and turning both require traction. The more traction you use for braking, the less there is available for turning at the same time.

  When you take a turn or curve too fast, you may notice the inside front wheel lifting off the pavement and feel and hear VSS cutting back engine power. While VSS can help you maintain control, it is still possible to spin or roll over if you turn too hard and fast.
- **Look:** Search through the entire turn and keep your eyes moving. Evaluate the entire turn as soon as possible – surface characteristics, sharpness of the turn, and overall traffic conditions – so you have time to make decisions about speed and position. Sometimes turning your head in the direction of the turn helps to keep a good visual picture.
- **Steer:** Turn the handlebar to steer the vehicle in the direction of the turn. This vehicle is not like a motorcycle, so it does not countersteer, and the vehicle does not lean. Remember, you will experience the lateral force generated by turning, so you may need to shift your body weight to the inside of the turn to keep a comfortable posture on the vehicle. You will need to exert more force to turn the handlebar of your vehicle than is needed to turn a motorcycle.

Curves

Because this vehicle is narrower than a car, you can move from side to side in the lane in curves to straighten your path of travel. But this vehicle is wider than a motorcycle, so less lateral movement is possible, and it is important to make sure that your front tires do not leave the lane.

For typical curves, an outside, inside, outside path is best.



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PATH FOR TYPICAL CURVES

1. *Outside*
2. *Inside (at the apex)*

Hills

Select an appropriate gear for the incline. Going up hills, a lower gear can help maintain enough power. Going down hills, a lower gear can provide engine braking to control your speed.

When stopped, the SE6 model can roll regardless of what gear it is in. The SE6 model clutch is always disengaged when the vehicle is stopped, so the transmission will not hold the vehicle in place. Hold the brake pedal when stopped on an incline. To start while on an incline, hold the brake pedal as you increase throttle. Release the brake pedal as you feel the clutch engage (at about 1500 RPM).

Night Riding

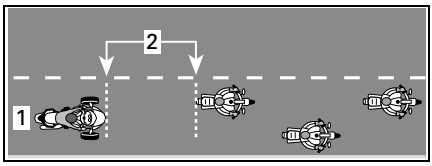
In addition to using your lights and signals to be seen by other motorists, consider your own ability to see at night. Use high beams when appropriate. Avoid overriding your headlight (riding so fast that you can't see as far as your stopping distance). You can also use other vehicle headlights to see the road ahead.

Do not use tinted or colored visors or lenses at night, and be particularly careful that your visor does not have scratches or smudges.

Group Riding

Ride single file only. Never share lanes, even with a motorcycle.

When riding with motorcycles, maintain proper following distance from the motorcycle in front of you, even if they are riding to one side of the lane. In curves, do not try to follow the path of motorcycles. Motorcycles can move farther to the edges of the lane in curves – if you follow them exactly, your front wheel can leave the lane. Motorcycles may be able to take curves faster than this vehicle. Do not try to match their speed.



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GROUP RIDING POSITION

1. *Center of lane*
2. *Distance of 2 seconds*

Particularly on curvy roads, riders might become tired sooner than motorcyclists. Do not push yourself to keep up with motorcycles; stop if you are tired.

Road Conditions and Hazards

Ice, Snow and Slush

Do not ride on ice, snow or slush. Even with VSS, there will not be enough traction to maintain control on these slippery surfaces. This vehicle is more likely than a car to spin out of control in slippery surfaces.

Gravel, Dirt and Sand

On gravel, dirt, or sand-covered roads, use extra caution and reduce your speed, particularly for curves. These surfaces do not provide as much traction as paved surfaces and you can lose control, even with VSS.

Wet Pavement and Puddles

There is normally enough traction to maintain control on pavement that is moist or wet, as long as there is not a layer of water on top of the pavement (like a puddle or flowing water on the road). As with other vehicles, this vehicle can hydroplane if you drive too fast over water that has accumulated on the road, but hydroplaning occurs at lower speeds than with most cars or motorcycles. You are more likely to hydroplane in deeper water. Watch for splashing or spraying when other vehicles go through water as an indicator of depth.

When hydroplaning occurs, one or more wheels rise up on a layer of water, losing contact with the road. If this happens to the rear wheel, you may feel it slide sideways. Hydroplaning wheels do not have the traction necessary to control the vehicle. You can lose control and spin out, and the VSS cannot keep you in control.

Avoid large water puddles or water streams, and slow down or pull off the road during heavy rains. If you must pass through water, slow down as much as possible before you reach it.

After passing through water, test your brakes. Apply them several times if necessary to let friction dry the brake pads.

Properly maintained tires reduce the risk of hydroplaning. Always maintain recommended tire pressure:

Refer to *TIRE PRESSURE* in *MAINTENANCE PROCEDURES* section.

Note: The pressure difference between the left and right side tire should not exceed 3.4 kPA (.5 PSI).

Immediately replace any tire that shows the maximum tread wear indicator to minimize risk of hydroplaning.

The middle of a lane can be particularly slick in the first few minutes of rain, as oil and dirt combine with the water. After more rain, water can accumulate in ruts in worn pavement. Avoid both of these low traction areas. When possible, keep your front tires in areas with the best traction.

Off-Road Use

Do not use this vehicle off road. The vehicle cannot handle the rough, low-traction, uneven surfaces that you may encounter in off-road riding. You could easily get stuck, lose control or roll over. Also, it may be illegal for off-road use in certain areas.

Obstacles, Holes and Bumps

Whenever possible, avoid riding over obstacles, holes and bumps. If you must ride over them, slow down as much as possible before you get there, then release the brake as you go over. For wide obstacles or bumps, approach straight on if possible, so that both front tires go over at the same time. When going over an obstacle, bump or hole with both front wheels, riders should stand up slightly on the pegs and use legs to absorb the shock. Be prepared for the rear wheel to strike the obstacle. For narrower obstacles, bumps or holes, it is better to ride over it with the rear tire. If you ride over them with a front tire, maintain a firm grip on the handlebar, take care not

to accidentally applying the throttle and be prepared to correct your trajectory if necessary.

If you strike a large enough obstacle, bump or hole, the impact can make the vehicle jump and strike you, eject riders, make you lose control, spin or roll over.

If you can't come to a complete stop in time to avoid an obstacle, you can swerve to avoid it. You can swerve and brake at the same time if necessary.

If you encounter a large animal in the road, like a deer, it is best to stop before reaching it and wait until the animal leaves, or go past slowly. If a dog chases you, a good strategy is to slow down and downshift as the dog approaches, then accelerate away as you get closer to where the dog would intercept you.

On-Road Emergencies

A vehicle malfunction or an unexpected situation can occur any time during a ride. A well-maintained vehicle can help reduce the risk of malfunction, but you should still be prepared for an emergency.

- Always have the Operator's Guide and tool kit in the vehicle. Refer to the *ROAD SIDE REPAIRS* section for technical guidelines on problems that could occur during a trip.
- When stopping on the road, follow these precautions:
  - If the road has paved shoulders, signal your intention to pull off the highway, pull off at near traffic speed, then slow down to a complete stop.
  - If the shoulder is unpaved, signal a right turn and slow down to a safe speed before pulling off the paved roadway.
  - To increase your visibility, turn on the hazard warning lights.
- If you have cellular phone or other communication device, fully charge it before long rides.
- If you are involved in a crash, BRP strongly recommends that you have your vehicle transported (see *TRANSPORTING THE VEHICLE*) to the nearest Can-Am On-Road dealer to have it thoroughly inspected for safety before riding again.
- Fill in the BRP accident/incident report.

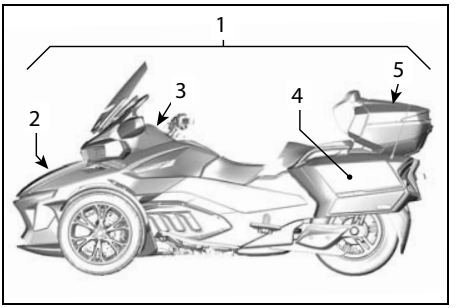
Tire Failure

If a tire failure or a blowout suddenly occurs, firmly grip the handlebar, gradually slow down and carefully steer to a safe place to stop. Avoid hard braking, downshifting, or sharp steering. If a front tire fails, the vehicle may tend to pull in the direction of the failed tire, so you will need to maintain a firm grip on the handlebar to control your direction. Refer to *ROAD SIDE REPAIRS* section for instructions on tire repair.

CARRYING A PASSENGER, CARGO OR TOWING A TRAILER

Weight Limits

Do not exceed the weight limits for riders and cargo.



219002072-042

1. *Vehicle load limit*
2. *Front storage compartment*
3. *Glove box*
4. *Side storage compartments*
5. *Top storage compartment*

Weight Limits	
Vehicle load limit (including operator, passenger, cargo and added accessories)	252 kg (556 lb)
Front storage compartment	16 kg (35 lb)
Glove box	2 kg (4 lb)
Side storage compartment	6.8 kg (15 lb) (each)
Top storage compartment	6.8 kg (15 lb) (with top rack installed)
	9 kg (20 lb) (without top rack)

Excess weight will:

- Reduce your ability to accelerate, brake and turn.
- Reduce the effectiveness of the VSS.
- Increase the risk of rolling over if the weight is high or toward the rear.
- Reduce ground clearance, increasing the risk of striking low obstacles or uneven road surfaces.
- Increase the risk of tire failure.

Operating with Extra Weight

Carrying a passenger or heavy cargo affects the way the vehicle handles because of the greater weight, and because the weight distribution will be different.

1. You will not be able to accelerate as quickly. Allow more time and space for passing.
2. You will not be able to stop as quickly. Use a longer following distance from the vehicle in front of you, at least three seconds. Use an even longer distance if riding conditions are not ideal (e.g., low visibility, poor road surface).
3. You will not be able to turn as sharply or at as high a speed. Slow down more than usual before turning and avoid sharp turns.
4. This vehicle may be less stable. There is a greater risk of tipping or rolling during extreme maneuvers with weight that is higher or farther to the rear (like a passenger).

Carrying a Passenger

This vehicle is designed for only one passenger, seated behind the operator. Never carry multiple passengers.

Do not carry a passenger until you have experience riding alone in a variety of conditions and can proficiently handle the vehicle.

The passenger must be sober, alert, able to reach the passenger footrests and handholds, maintain balance and hold on in sudden maneuvers, and not distract the operator.

The passenger should use its audio control in respect to the rider's directives.

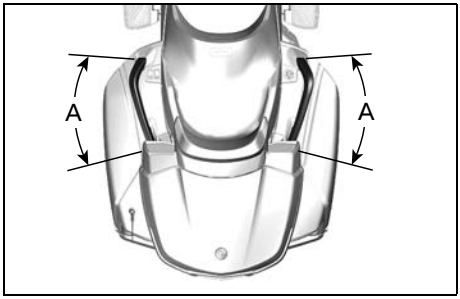
Be sure the passenger is wearing appropriate protective gear. The passenger should wear all of the protective gear recommended for the operator, particularly a helmet. A full-face helmet is recommended; in a sudden stop, the passenger's face can strike the back of the operator's helmet.

Keep the brakes applied and the transmission in neutral until the passenger is in riding position.

Instruct the passenger on how to ride before starting out. Have the passenger follow these rules:

1. - Maintain proper riding position.
   - Hold the passenger handholds and keep feet on the passenger footrests at all times. The passenger footrest height is adjustable. Refer to *ADJUSTING THE PASSENGER FOOTREST.*
   - The passenger should not hold on to the operator as the operator may not be able to withstand the lateral force generated by both.

Different gripping positions on the handholds may be more comfortable for different maneuvers. (e.g., one hand at the front corner of and one hand at the opposite back corner for turns, both hands further forward or back for other situations).



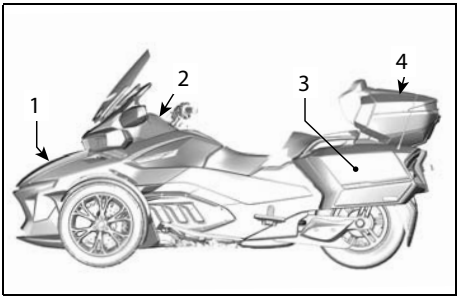
219002072-045

A. Gripping positions on the handholds

2. Stay clear of the exhaust pipe, the rear wheel and the drive belt.
3. Avoid turning around or leaning except to keep balance in a turn. In an unexpected maneuver, a passenger who is not in the normal riding position is more likely to fall off.
4. Watch the road and respond to upcoming road conditions. Lean into curves as needed to resist any sideways force. When crossing an obstacle, hole or bump, rise slightly off the seat without locking your elbows.

Avoid abrupt acceleration, braking and turns, especially with inexperienced passengers. Sudden, unexpected maneuvers can make the passenger fall off.

Where to Store Cargo



219002072-046

1. *Front storage compartment*
2. *Glove box*
3. *Side storage compartments*
4. *Top storage compartment*

You can carry cargo in the following compartments. Do not carry cargo in any other location unless the vehicle is equipped with approved BRP accessories.

Never store flammable items, such as fuel, in any of these compartments.

Always respect the load limit of each compartment. Refer to *WEIGHT LIMITS* in this section.

Glove Box

The glove box provides room to store small personal articles.

It is very convenient to store items that could be needed quickly during a ride (such as money for pay toll).

Front Storage Compartment

The front storage compartment is the most spacious and has room to store two helmets or other items. The front storage compartment includes a designated space for this Operator's Guide.

Make sure the compartment cover is securely latched before riding.

Side Storage Compartments

The side storage compartments have room to store a helmet or other light objects.

Make sure the storage compartment cover is securely latched before riding.

Top Storage Compartment

The top storage compartment has room to store a helmet or other light items.

Make sure the storage compartment cover is securely latched before riding.

Towing a Trailer

The RT series has been designed to be able to tow a BRP optional trailer (with the optional BRP hitch).

The VSS (vehicle stability system) on this vehicle incorporates a program that allows to tow a BRP trailer while maintaining appropriate vehicle stability control.

Use only a BRP trailer designed specifically for this vehicle or a BRP approved equivalent. This is important to ensure the trailer and the vehicle remain stable during normal operation and it does not interfere with the vehicle stability system.

NOTICE The use of a non- recommended wiring harness may lead to vehicle electrical system failure.

⚠ WARNING

The use of any other trailer could damage the vehicle or interfere with the proper operation of the vehicle stability system. It is not recommended to use the cruise control when towing a trailer.

Towing a trailer affects the way the vehicle handles due to the greater weight and the different weight distribution.

- Allow more time and space for passing.
- Allow a greater distance for braking.
- Use a longer following distance from the vehicle in front of you.
- Reduce your speed and slow down more than usual before turning and avoid sharp turns.
- There is a greater risk of tipping or rolling during extreme maneuvers.

Crosswinds and air turbulence caused when crossing or being passed by others can disrupt the steering and make the trailer to sway. To minimize the effect, keep a constant speed and do not make quick steering or braking corrections.

Reduce your speed before entering in a curve.

When cornering, achieve the turn on a larger radius. It takes more space to turn with a trailer.

Try to anticipate the riding ahead to avoid having to backup with a trailer.

Always move slowly when backing up. Ask someone to guide you when possible. Practice in an open area at the first opportunity. Refer to *REQUIRED RIDING SKILLS AND PRACTICE EXERCISES*.

When possible, avoid swerving, twist and turns, sharp and abrupt turns as well as sudden braking. This could cause the trailer to jackknife or to turn over. It is easier to unstabilize an empty trailer. When accelerating, it is normal to shift at a higher RPM to avoid loading excessively the engine.

NOTICE Avoid spinning the rear wheel. Rocks or pebbles could be projected on the trailer and damage it.

Hill Particularities

When possible, avoid stopping uphill.

When starting uphill from a stop, more clutch slippage is needed to prevent engine stalling.

When riding uphill, more frequent downshift will be required so that engine has enough power to minimize speed variations.

When riding downhill, downshift one or more gears to use engine braking to slow down vehicle instead of continuously applying the brake. It will take longer to slow down or to stop.

Load Limits

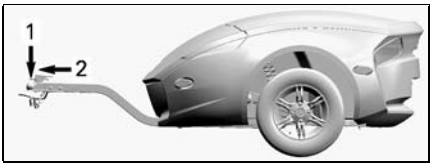
WARNING

Never add cargo on the trailer cover as it will increase the risk of tipping over. All cargo must be stored and secured inside the trailer.

Load limits must be observed with the appropriate towing equipment.

Towing Specifications	
Maximum weight on trailer tongue	18 kg (40 lb)
Maximum towed weight (trailer and cargo)	182 kg (400 lb)

Note: For information about the maximum cargo that can be loaded in trailer, refer to the *CAN-AM FREEDOM TRAILER OPERATOR'S GUIDE*.



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1. 18 kg (40 lb)
2. 182 kg (400 lb)

The weight at the tongue applies when the trailer is loaded. A scale can be used to measure the weight at the tongue when it is not latched to the vehicle. If the trailer is not fully loaded, place cargo in the front part of the trailer then, if the weight at the tongue is reached, place the remaining cargo at the rear in the trailer. The weight distribution in the trailer affects the weight at the tongue. Redistribute the weight in the trailer to meet the weight at the tongue specification. Too much weight at the tongue reduces steering control. Too little weight at the tongue can render the trailer unstable and make it sway.

⚠ WARNING

Exceeding the maximum towed weight can seriously affect handling and performance of the vehicle. The vehicle handling, stability, acceleration and braking distance are affected when towing a trailer. Correct loading and weight distribution are important. Never overload, tow or carry cargo improperly. Always ensure the cargo is safely secured and properly distributed in the trailer before operating the vehicle. Always secure cargo as low as possible in the trailer to reduce the effect of a higher center of gravity. Failure to follow the recommendations here could cause affect the vehicle handling which could lead to the vehicle loss of control.

NOTICE Exceeding the maximum towed weight can damage vehicle or trailer. Avoid transporting heavy parts with sharp edges that could damage the trailer. Place the cargo so that it does not shift while the trailer is being towed.

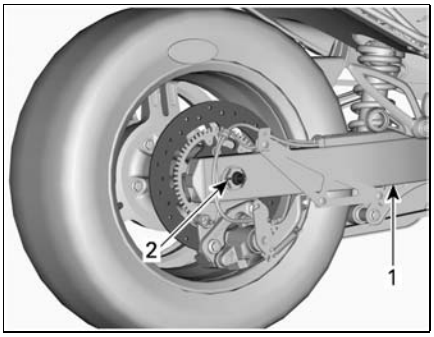
Hitch

Use only a BRP hitch or a BRP approved equivalent. The BRP hitch properly fits the vehicle swing arm and is securely bolted to the wheel axle.

NOTICE The use of a non- approved hitch may lead to rear swing arm failure.

⚠ WARNING

If the hitch is removed from vehicle, always install a new cotter pin to lock the wheel axle nut.



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WHEEL AXLE CAP AND MUFFLER REMOVED FOR CLARITY PURPOSE

1. *Swing arm*
2. *New cotter pin here*

Safety Cables

Always use safety cables when towing a trailer. Ensure they are secured to the trailer and to the hitch, and that they cross under the tongue. Leave enough slack in cables to allow the trailer to turn corners. When trailer is in straight line with the vehicle, ensure chains will not drag on the ground.

KNOWLEDGE SELF-TEST

The following provides a sample of information that you should have learned by reading this guide. It does not include all of the important information, but should give you an idea of whether you have a general understanding of the vehicle and its operation.

See the *ANSWERS* on the page following the questionnaire.

Questionnaire

1. If you need to stop quickly, press the brake pedal and activate the parking brake.

True False

2. A pre-ride inspection should be performed once a week.

True False

3. VSS allows you to use the vehicle in any kind of weather.

True False

4. You should only replace the tires with those approved by BRP obtained from an authorized Can-Am On-Road dealer.

True False

5. It is important for the passenger to be alert and sober.

True False

6. Name six items of protective gear that can reduce your risk of injury.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

7. Protective gear is important for preventing and reducing injuries, keeping you comfortable, and providing protection against the elements.

True False

8. Which of the following is not one of the vehicle driving controls?

a. Handlebar

b. Twist throttle

c. Front brake lever

9. You should leave your low beam lights on during the day for added visibility.

True False

10. You should normally position the vehicle in the center of the lane.

True False

11. Unlike a typical motorcycle, you should make it common practice to brake and turn at the same time.

True False

12. Under normal conditions, following distance should be at least _____.

a. 1 second

b. 2 seconds

c. 3 seconds

13. You should never carry flammable liquids such as gasoline in any storage compartment, even if they are in approved containers.

True False

14. List 5 ways of being more noticeable to other drivers.

1. _____
2. _____
3. _____
4. _____
5. _____

15. When braking on surfaces with less than ideal traction, you should pump the brakes to help maintain control of the vehicle.

True False

16. The vehicle's maximum load includes: the operator, the passenger, the cargo and all accessories.

True False

17. The vehicle can safely tow a trailer as long as the total towed weight does not exceed 180 kg (400 lb).

True False

18. A passenger should hold onto the operator.

True False

19. Riding this vehicle is as safe as riding in a car.

True False

20. ABS allows you to press the brake pedal hard without locking the wheels.

True False

Answers

1. False

To stop quickly, press the brake pedal only.

2. False

You should do a pre-ride inspection every time you ride.

3. False

If there is ice, snow, slush or enough water on the road to cause hydroplaning, VSS can not help you maintain control.

4. True

5. True

6.

1) Helmet
2) Eye and face protection
3) Jacket with long sleeves
4) Gloves
5) Long pants
6) Closed-toe footwear, preferably over the ankle.

7. True

8. c.Front brake lever

The vehicle does not have a front brake lever.

9. False

You should use your high beams during the day.

10. True

11. False

You can brake and turn at the same time if you need to, but generally it is better to brake before the turn.

12. b. 2 seconds

Under normal conditions, following distance should be at least two seconds.

13. True

14.

1) Make sure your lights and reflectors are clean.
2) Use your high beams whenever possible.
3) Use your turn signals.
4) Flash your brake lights before slowing.
5) Use your emergency flashers as needed.
6) Use your horn to alert others of your presence.
7) Avoid riding in blind spots.
8) Wear bright colors and reflective clothing.

15. False

You should press and hold the brake pedal, not pump. The vehicle is equipped with ABS, which keeps the wheels from locking.

16. True

17. True

You can tow a trailer with the vehicle as long as all the recommendations are strictly followed.

18. False

The passenger should always hold on to the handholds.

19. False

In cars and trucks, the structure of the vehicle provides protection. In addition, passengers can protect themselves by wearing seat belts. You should expect that riding this vehicle is much riskier than riding in a car and that the risk of injury is more like the risk of injury when riding a motorcycle.

20. True

SAFETY INFORMATION ON THE VEHICLE

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

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

Hang Tag

⚠ **WARNING**. Operating, servicing and maintaining a passenger Vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm.
To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle.

For more information go to www.P65Warnings.ca.gov/products/passenger-vehicle

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⚠ WARNING

This Can-Am On-Road is a different type of vehicle - It requires special skills and knowledge. Learn how this product is different.

Read the operator`s guide and watch the safety video using the QR code link or visit Can-Am On-Road web site.
Complete a training course (if available),
practice, become proficient with the controls, and get a proper licence.
Refer to the Safety Card before riding.

Always wear a helmet and riding gear.
With this type of vehicle, riders are exposed to more road risks than in a car. Even skilled operators can be struck by other vehicles or lose control. This vehicle will not protect you in a crash.

Handling limits and road conditions
The Vehicle Stability System (VSS) cannot stop you from losing control, flipping over, or falling off if you exceed this vehicle's limits. Know the limits for different road conditions. Do not ride on ice, snow, or off road. Avoid puddles and running water. This type of vehicle can hydroplane on water and slip on gravel, dirt and sand covered roads. If you must go through these road conditions, slow down.

This hangtag may only be removed by the customer.

704907713

⚠ AVERTISSEMENT

Ce produit routier est différent. Il nécessite des habiletés et des connaissances spéciales. Sachez ce qui distingue ce produit Can-Am des autres véhicules.

Lisez le guide du conducteur et visionnez la vidéo de sécurité via le lien QR code ou en visitant le site internet Can-Am On-Road.
Suivez une formation (si disponible),
exercez-vous, apprenez à maîtriser les commandes et obtenez le permis approprié.
Consultez la carte de sécurité avant de conduire le véhicule.

Portez toujours un casque et des vêtements appropriés.
Sur ce type de véhicule, les utilisateurs sont exposés à davantage de risques routiers qu'en automobile. Même un conducteur habile peut être frappé par un autre véhicule ou perdre le contrôle. Ce véhicule ne vous protègera pas en cas de collision.

Limites de manoeuvrabilité et conditions routières
Le système de stabilité du véhicule (VSS) ne peut pas vous empêcher de perdre le contrôle, de faire des tonneaux ou de tomber si vous dépassez les limites du véhicule. Apprenez à connaître ces limites dans différentes conditions routières. Ne conduisez pas sur la glace, sur la neige ou hors route. Évitez les flaques et les ruissellements d'eau. Ce type de véhicule peut faire de l'aquaplanage sur les chaussées détrempées et déraper sur les routes recouvertes de gravier, de terre ou de sable. Si vous devez conduire dans ces conditions, ralentissez.
Seul le client doit enlever cette étiquette.

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Safety Card

The Safety Card is located on the glove box. Open the glove box cover and lift up the glove box to read the safety card. Be sure to securely put the glove box back before riding.



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⚠ WARNING

This Can-Am On-Road product is a different type of vehicle. It requires special skills and knowledge.

Learn how this product is different. Read the operator's guide and watch the safety video using the QR code link or visit Can-Am On-Road web site. **Complete** a training course (if available), **practice**, become proficient with the controls, and get a proper license.

The Vehicle Stability System (VSS) cannot stop you from losing control, flipping over, or falling off if you exceed this vehicle's limits. Do not ride on ice, snow, or off road. Avoid puddles and running water. This type of vehicle can hydroplane on water and slip on gravel, dirt and sand covered roads. If you must go through these road conditions, slow down.

Wear a helmet and riding gear.
With this type of vehicle, riders are exposed to more road risks than in a car. Even skilled operators can be struck by other vehicles or lose control. This vehicle will not protect you in a crash.

Instruct the passenger.
- Always hold handholds and keep feet on pegs.
- Watch the road. Lean into curves. Brace for bumps.

Always keep in mind:
- Brake with the foot pedal.
- Steer in the direction of a turn; do not countersteer.
- Keep all wheels in your lane, always ride in a single file, and do not split lanes.
- Perform Pre-ride Inspection.

Press Mode button to enable starter.
Patents : www.brp.com/en/about-brp/patents.html

8052

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Use the safety card to review key information and when you are teaching new operators and passengers how to ride the vehicle. It also includes frequently referenced information.

Safety Labels

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

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 On-Road 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.

Tire Pressure and Maximum Load

TIRE AND LOADING INFORMATION /
RENSEIGNEMENTS SUR LES PNEUS ET LE CHARGEMENT

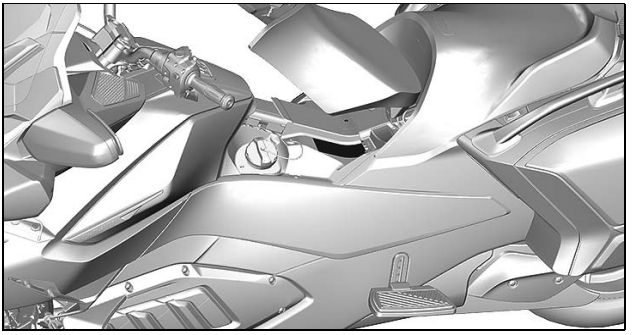
SEATING CAPACITY / NOMBRE DE PLACES	TOTAL	2	FRONT AVANT	1	REAR ARRIÈRE	1

RT 8591

The combined weight of occupants and cargo should never exceed 252 kg or 556 lb
Le poids total des occupants et du chargement ne doit jamais dépasser 252 kg ou 556 lb

TIRE / PNEU	SIZE/ DIMENSION	COLD TIRE PRESSURE/ PRESSION PNEUS À FROID	RIM SIZE/ DIMENSION JANTE
FRONT/AVANT	MC165/55R15 55H	138 kPa / 20 psi	15 x 5 in
REAR/ARRIÈRE	MC225/50R15 76H	193 kPa / 28 psi	15 x 7 in
SPARE / SECOURS	NONE / AUCUN	NONE / AUCUN	NONE/AUCUN

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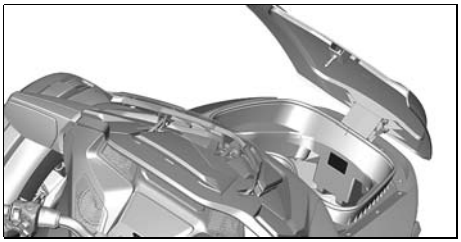
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UNDER THE OPERATOR'S SEAT

Front Storage Compartment Load



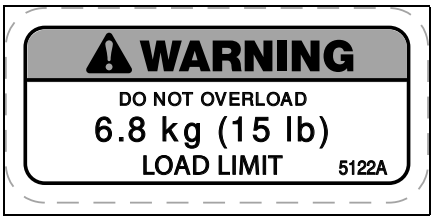
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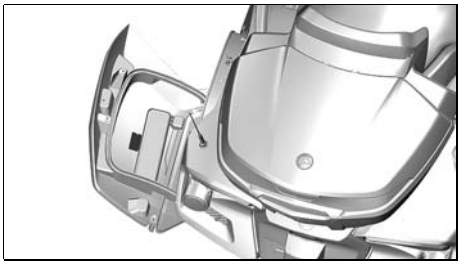
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INSIDE THE FRONT STORAGE COMPARTMENT

Side Storage Compartment Load



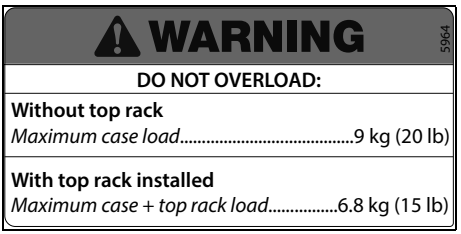
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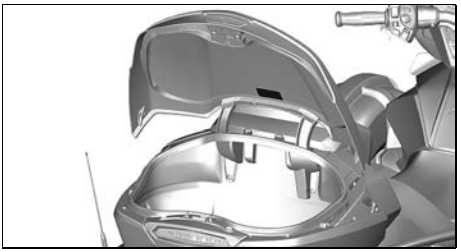
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INSIDE THE BACK OF THE SIDE STORAGE COMPARTMENT COVER

Top Storage Compartment Load



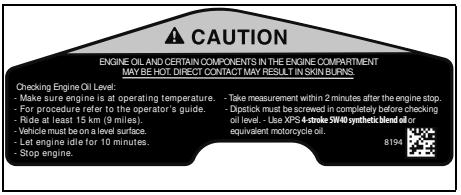
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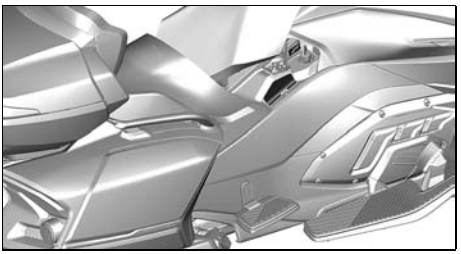
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INSIDE THE BACK OF THE TOP STORAGE COMPARTMENT COVER

Checking Engine Oil Level



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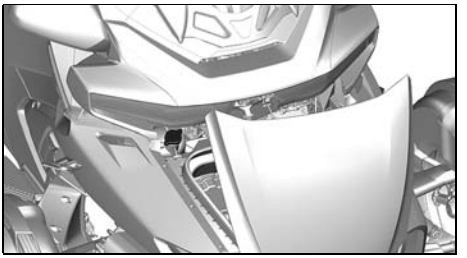
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UNDER THE OPERATOR'S GUIDE

Coolant Hot - Do Not Open



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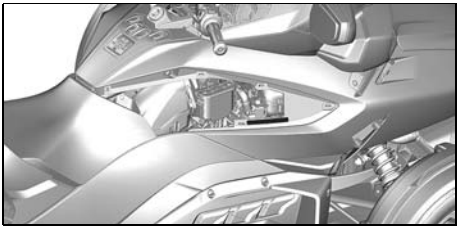
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UNDERNEATH THE FRONT SERVICE COVER

Brake Fluid - Clean and Refill

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

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BEHIND THE FRONT SERVICE COVER

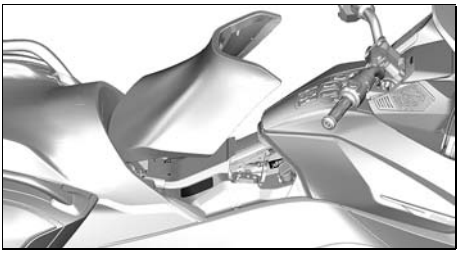
Rear Suspension Pressure

WARNING

MINIMUM PRESSURE 70 kPa / 10 Psi / 0.7 bar
DO NOT EXCEED RECOMMENDED PRESSURE BY 70 kPa / 10 Psi / 0.70 bar

LOAD		(PASSENGER + CARGO) Kg / Lb 704905155				
		0	45/100	70/150	90/200	115/250
DRIVER	Kg/Lb	kPa/Psi/bar	kPa/Psi/bar	kPa/Psi/bar	kPa/Psi/bar	kPa/Psi/bar
	70/150	310/45/3.10	380/55/3.80	450/65/4.50	480/70/4.80	515/75/5.15
	90/200	345/50/3.45	415/60/4.15	480/70/4.80	515/75/5.15	550/80/5.50
	115/250	380/55/3.80	450/65/4.50	515/75/5.15	550/80/5.50	585/85/5.85

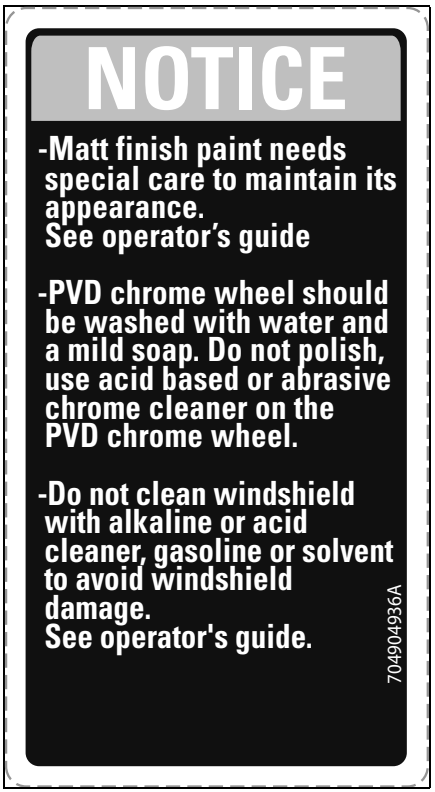
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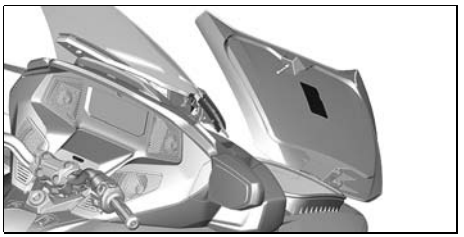
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UNDERNEATH OPERATOR'S SEAT

Vehicle Cleaning



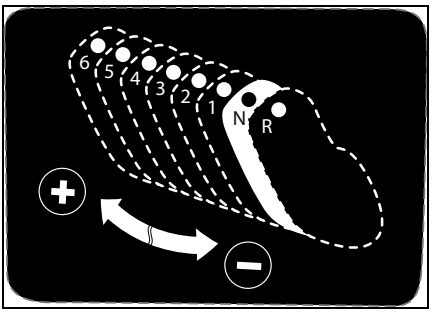
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INSIDE THE BACK OF THE FRONT SERVICE COMPARTMENT COVER

Shifting Pattern (Japanese Model)



704904116A

JAPANESE MODELS ONLY - INSTALLED BY DEALER

REPORTING SAFETY DEFECTS

Your safety is very important to Bombardier Recreational Products Inc. (BRP). If you have any concerns you should immediately contact BRP customer service.

In the USA, if you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Bombardier Recreational Products Inc.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in any individual problems between you, your dealer or Bombardier Recreational Products Inc.

To contact NHTSA	
	888-327-4236
	1 800-424-9153
	National Highway Traffic Safety Administration 1200 New Jersey Avenue, SE Washington, DC 20590
	**www.safercar.gov**

PRE-RIDE INSPECTION

PRE-RIDE CHECKLIST

We encourage you to have an Annual Safety Inspection of your vehicle. Please contact an authorized BRP dealer for further details. Though not required, it is recommended that an authorized BRP On-Road dealer performs the preseason preparation of your vehicle. Each visit to your authorized BRP dealer is a great opportunity for your dealer to verify if your vehicle is included in any warranty campaign. We also urge you to visit your authorized BRP On-Road dealer in a timely manner if you become aware of any safety related campaigns.

⚠ WARNING

Perform a pre-ride inspection before each ride to detect potential problems during operation. The pre-ride inspection can help you monitor wear and deterioration before they become a problem. Correct any problems that you discover to reduce the risk of a breakdown or crash. See an authorized Can-Am On-Road dealer as necessary.

Before Starting the Vehicle, Inspect the Following:

Item	Procedure	✔
Tires	Look for damage. Inspect inflation and tread wear. Refer to *MAINTENANCE PROCEDURES*.	
Wheels and lug nuts	Look for damage. Twist each front wheel lug nut by hand to be sure it is not loose. Be sure the rear wheel axle nut is in place.	
Drive belt	Look for fraying, cuts, punctures and missing teeth. Verify alignment. For additional information, refer to *MAINTENANCE PROCEDURES*	
Leaks	Look under the vehicle for any leaks.	
Storage compartment covers and glove box	Check that they are properly latched.	
ACS rear suspension (Base Models)	Verify inflation. Refer to *BASIC PROCEDURES*	
Seats	Ensure seats are properly latched.	
Mirrors	Clean and adjust: (see *MIRRORS* in *EQUIPMENT*.	
Brake pedal	Press and make sure you feel firm resistance. Pedal must fully return when released.	
Throttle handle	Twist several times. Be sure it operates freely and returns to idle position when released.	
Gearshift selector	Be sure gearshift selector operates normally in both directions and returns to center when released.	
Weight	Ensure that total load on the vehicle (including operator, passenger, cargo and added accessories) does not exceed recommended load as indicate in the *TECHNICAL SPECIFICATIONS* section.	

Item	Procedure	✔
Trailer	If a trailer is towed, be sure: - Its cargo is properly loaded and secured, - The covers are latched, - The trailer and its safety cables are properly attached to the vehicle hitch, - All trailer lights work and reflectors are clean, - Tires condition and pressure.	
Radiator Fan Grilles	Remove any debris fromthe grilles. Do not clean with a high pressure washer because it can damage the radiaotr fins. Clean only with compressed air.	

Turn Ignition Key to the ON Position:

Item	Procedure	✔
Multifunction gauge	Check the gauges, indicators, messages and the fuel level	
Lights	Check operation of headlights, taillight, brake light, turn signals and hazard warning lights.	
Horn	Check operation.	
Steering	Start engine and verify that steering operates freely.	
Engine stop switch	Check that the engine stop switch is working properly.	
Parking brake	Start engine, release parking brake and ensure brake indicator lamp is off on the multifunction gauge.	
Brake	Drive a short distance forward slowly then apply brake to test.	
Safety Card	Reinstall the glove box and close its cover after viewing the safety card.	

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MAINTENANCE

MAINTENANCE SCHEDULE

Maintenance is very important for keeping your vehicle in safe operating condition.

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

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

Verifying fault codes, as first maintenance step, is a good practice and is highly recommended.

⚠ WARNING

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

EPA Regulation - Canadian and USA Vehicles

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

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

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

For emission-related warranty claims, BRP is limiting the diagnosis and repair of emission-related parts to the authorized Can-Am On-Road dealers. For more information, please refer to the *US EPA EMISSIONS PERFORMANCE WARRANTY* contained in the *WARRANTY* section.

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

FIRST Inspection - 5 000 km (3,000 mi)
Perform all items indicated in the *PRE-RIDE INSPECTION*.
Replace engine oil and oil filter.

Check brake fluid level.
Check reverse mechanism operation.
Check engine coolant level.
Check operation of control switches and passenger switches.
Check the drive belt condition and its tension (Performed by an authorized Can-Am On-Road dealer).
Check tightening torque of the rear wheel axle nut. (Performed by an authorized Can-Am On-Road dealer)
Visually check brake pads and discs condition.
Check passenger handholds looseness.
Check footrests looseness.
Check body panels looseness.
Check operation of storage compartment latches, hinges and key barrels.

Every 1 500 km (1,000 mi)
Check oil level.

Every 15 000 km (9,300 mi) or 1 year (whichever comes first)
Perform all items indicated in the *PRE-RIDE INSPECTION*.
Replace engine oil and oil filter.
Check brake fluid level. Replace every 2 years.
Check brake hoses.
Check reverse mechanism operation.
Check radiator, hoses and water pump.
Check engine coolant level.
Perform a pressure test of cooling system.
Check operation of control switches and passenger switches.
Check condition of fuel hoses, fuel evaporation lines and canister.
Check battery connections tightening.
Check the drive belt condition and its tension (Performed by an authorized Can-Am On-Road dealer).
Check and retighten exhaust pipe, clamping rings, joints, and gaskets condition.
Check steering for abnormal play.
Check tie-rods condition.
Check shock absorbers for leaks or other damages.

Every 15 000 km (9,300 mi) or 1 year (whichever comes first)
Check tightening torque of the rear wheel axle nut (Performed by an authorized Can-Am On-Road dealer).
Check ball joints condition.
Check front and rear wheel bearings condition.
Check brake pads and discs condition.
Check passenger handholds looseness.
Check footrests looseness.
Check body panels looseness.
Check operation of storage compartment latches, hinges and key barrels.

Every 30 000 km (19,000 mi)
Replace air filter and clean air filter housing.

Every 45 000 km (28,000 mi)
Replace the Hydraulic Control Module (HCM) oil filter.
Replace the canister pre-filter.
Replace fuel filter (or every 5 years).
Replace engine coolant (or every 5 years).
Replace the spark plugs.
Check front suspension arms rubber bushings.

FIRST INSPECTION

We recommend that after the first 5 000 km (3,000 mi) of operation, your vehicle be inspected by an authorized Can-Am On-Road dealer, repair shop, or person of your own choosing. This maintenance is very important and must not be neglected.

Note: The first inspection is at the expense of the vehicle owner.

We recommend that this inspection be signed by the authorized Can-Am On-Road dealer, repair shop, or person of your own choosing having performed the first inspection.

_____	_____
Date of inspection	Signature of the Authorized Can-Am On-Road dealer, repair shop, or person
	_____
	Name of the Authorized Can-Am On-Road dealer, repair shop, or person

This section includes instructions for basic maintenance procedures.

Due to the complexity of some maintenance procedures, good mechanical skills are required.

Several procedures must be done by an authorized Can-Am On-Road dealer, repair shop, or person of your own choosing.

If you are not comfortable with the mechanics, do not hesitate to contact an authorized Can-Am On-Road dealer, repair shop, or person of your own choosing.

⚠ WARNING

Turn off the engine and follow these maintenance procedures when performing maintenance. If you do not follow proper maintenance procedures you can be injured by hot parts, moving parts, electricity, chemicals or other hazards.

Engine Oil

Recommended Engine Oil

The same oil is used for the engine, gearbox, clutch, and the Hydraulic Control Module (HCM) on the SE6 model.

Rotax® engines were developed and validated using the XPS™ oil.

BRP recommends the use of its XPS engine oil or an equivalent at all time.

XPS™ RECOMMENDED ENGINE OIL
4T 5W40 Synthetic blend oil
If THE RECOMMENDED XPS ENGINE OIL IS NOT AVAILABLE
Use a 5W40 4-stroke SAE synthetic engine oil meeting or exceeding the following lubricant industry specifications: **API service classification SJ, SL, SM or SN** Always check the API service label certification on the oil container, it must contain at least one of the indicated standards.

Verifying the Engine Oil Level

NOTICE Operating the engine with an improper engine oil level may cause severe engine damages. Follow this procedure to obtain a precise reading of the engine oil level.

In order to perform the engine oil level verification, the engine must be at normal operating temperature.

NOTICE Adjusting the oil level on a cold engine will result in overfilling.

1. Take a ride of at least 15 km (9 mi).
2. Park the vehicle on a level surface and apply the parking brake.
3. Let the engine idle for 10 minutes .

⚠ WARNING

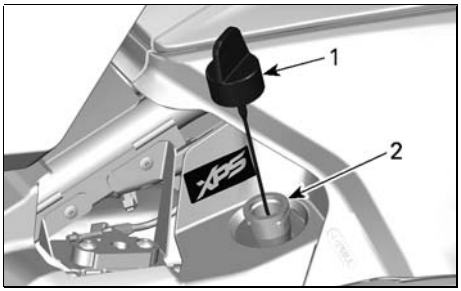
Exhaust gas contains poisonous carbon monoxide that can rapidly accumulate in an enclosed or poorly ventilated area. If inhaled, it can cause serious injury or death. Only run the engine in an unenclosed, well ventilated area.

NOTICE Adjusting the oil level on a cold engine will result in overfilling.

4. Stop engine.

Note: Engine oil level verification must be performed within 2 minutes after engine stop.

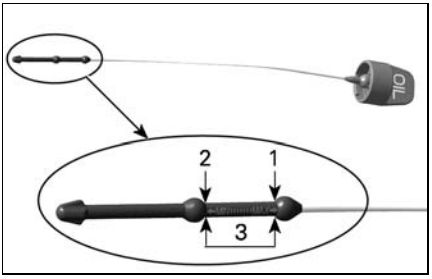
5. Open the seat. Refer to *OPENING THE SEAT* in *EQUIPMENT*.
6. Unscrew and remove the oil dipstick.



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1. Oil dipstick
2. Oil filler tube

7. Wipe off the dipstick.
8. Reinsert and **completely screw in** the dipstick.
9. Unscrew and remove the dipstick again.
10. Check the engine oil level on the dipstick. It should be near or equal to the upper mark.



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1. MAX
2. MIN
3. Operating range, 0.5 l (.5 qt(liq.,US))

Oil Level between Lower (MIN) and Upper (MAX) Marks:

1. Do not add oil.
2. Properly insert and tighten dipstick.
3. Close the seat.

Oil Level under MIN Mark :

1. Add approximately 500 ml (17 fl oz (US)) of recommended oil.

Note: The oil quantity between MIN and MAX marks is 500 ml (17 fl oz (US)).

2. Restart the engine and let it idle for 10 minutes.

WARNING

Exhaust gas contains poisonous carbon monoxide that can rapidly accumulate in an enclosed or poorly ventilated area. If inhaled, it can cause serious injury or death. Only run the engine in an unenclosed, well ventilated area.

NOTICE Adjusting the oil level on a cold engine will result in overfilling.

3. Stop the engine.
4. Recheck oil level.

Note: Engine oil level verification must be performed within 2 minutes after engine stop.

5. Repeat the above steps until oil level reaches the dipstick between the lower and upper marks. **Do not overfill.**
6. Properly insert and tighten dipstick.
7. Close seat.

Changing the Engine Oil and Oil Filter

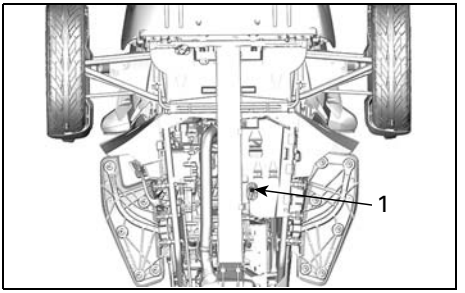
1. Prior to changing the oil, ensure vehicle is on a level surface.

NOTICE The engine oil and the engine oil filter must be replaced at the same time. The oil change should be carried out with a warm engine.

⚠ CAUTION

Engine oil can be very hot.

2. Clean area around drain plug under oil sump cover.
3. Place an appropriate drain pan under oil sump cover.
4. Remove the drain plug and discard the sealing washer and O-rings.

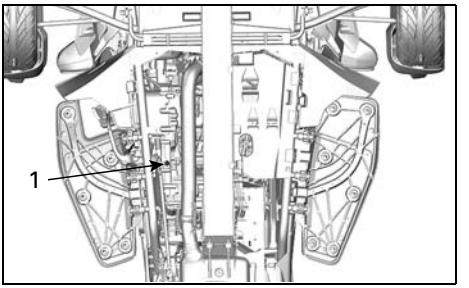


219002072-067

TYPICAL

1. Engine oil drain plug

5. Remove the dipstick.
6. Allow sufficient time for oil to completely drain.
7. Clean area around magnetic drain plug in the clutch cover.
8. Place an appropriate drain pan under the clutch cover.
9. Remove the magnetic oil drain plug and discard the sealing ring.

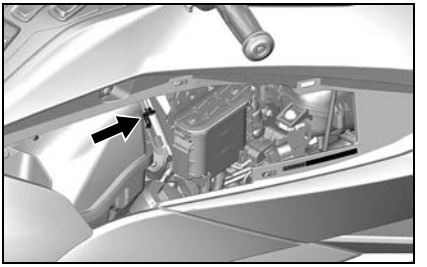


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TYPICAL

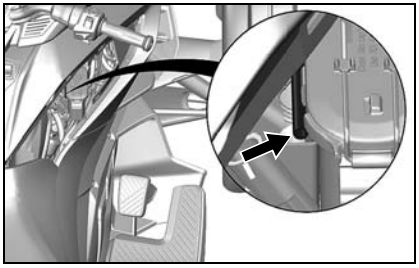
1. Clutch cover magnetic drain plug

10. Remove the left service cover. Refer to *SERVICE COVER*in *EQUIPMENT*.
11. Detach the brake fluid reservoir from its support and move it rearwards to make room.
    11.1 Unplug the brake level switches connector.



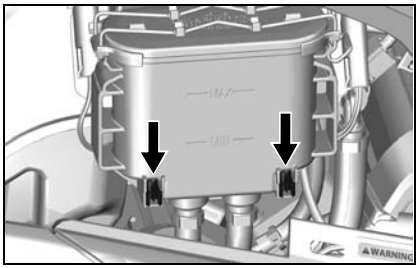
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    11.2 Using a bent long nose pliers, remove the pin holding the back of the reservoir to its support.



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11.3 Detach both brake level switches from the bottom of the reservoir.

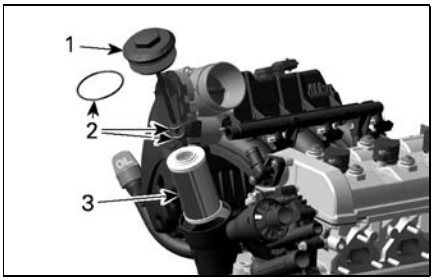


219002072-071

11.4 Move the reservoir rearwards and secure it with a bungee cord to the handlebar.

NOTICE Do not let the reservoir hang from the end of the hoses.

12. Remove oil filter cover and discard its O-rings.
13. Remove and discard oil filter.



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1. *Oil filter cover*
2. *O-rings*
3. *Oil filter*

14. Allow sufficient time for oil to completely drain from clutch cover.
15. Check and clean oil filter cavity for dirt and contamination.
16. Clean the magnet on the magnetic drain plug.
17. Using **NEW** sealing washers and O-rings and install both drain plugs.

NOTICE Never reuse the drain plug sealing washers and O-rings. Always replace it with a new one.

18. Tighten drain plugs as specified.

Tightening torque	
Drain plug (oil sump cover)	28 Nm ± 2 Nm (21 lbf-ft ± 1 lbf-ft)

Tightening torque	
Magnetic drain plug (clutch cover)	20 Nm ± 1 Nm (15 lbf-ft ± 1 lbf-ft)

19. Insert **NEW** engine oil filter.
20. Install **NEW** O-rings on oil filter cover.
21. Install oil filter cover and tighten to specification.

Tightening torque	
Oil filter cover	25 Nm ± 3 Nm (18 lbf-ft ± 2 lbf-ft)

22. Pour following amount of the recommended oil into the oil tank.

When doing...	Quantity
Engine oil and engine oil filter replacement	4.7 l (5.0 qt(liq.,US))
Engine oil, engine oil filter and HCM surface filter replacement	4.9 l (5.2 qt(liq.,US))

23. Reposition the brake fluid reservoir.
    - 23.1 Install both brke level switches.
    - 23.2 Reinstall the retaining pin at the back of the reservoir.
    - 23.3 Connect the brake switches connector.
24. Reinsert and completely screw in the dipstick.
25. Check engine oil level and adjust if required. Refer to *ENGINE OIL LEVEL VERIFICATION* in this section.

NOTICE Ensure oil pressure warning lamp goes out within 5 seconds from engine start. If oil pressure warning lamp stays ON for more than 5 seconds, STOP ENGINE and recheck oil level.

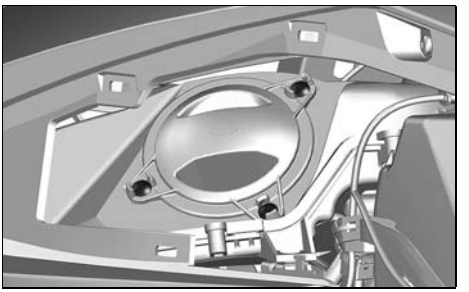
26. Ensure engine oil filter cover, magnetic drain plug (clutch cover) and drain plug (oil sump cover) are not leaking.
27. Stop engine.
28. Reinstall the left service cover.
29. Dispose of used oil as per your local environmental regulations.

Air Filter

Removing the Air Filter

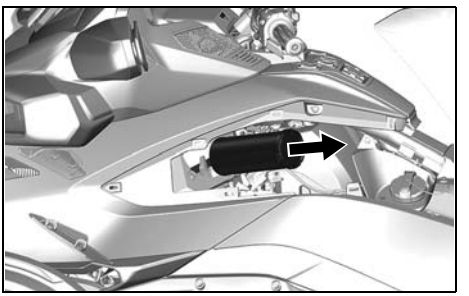
1. Remove the right service cover. Refer to *SERVICE COVER*in *EQUIPMENT*.

Remove the 3 screws from the air filter cover.



219002072-072

Remove the air filter cover and the filter.



219002072-073

Inspecting the Air Filter

Inspect air filter for cleanliness and damage.

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

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

NOTICE Inspect air intake silencer and remove any dust or debris taking

care not to blow or move anything inside the clean side of the engine air inlet (passed air filter).

NOTICE Remove any dust or debris that may have moved or shifted inside the clean side of the air intake silencer (passed air filter). Clean by pulling on the dust and not pushing it inside.

Replace air filter as necessary according to recommended maintenance schedule and particular use (especially in dusty environments).

Installing the Air Filter

Carefully install air filter into position.

Note: The air filter should sit itself correctly. Please make sure the seat/receptacle of the intake hose is not deformed before inserting the air filter.

Properly position air filter cover then secure with all screws.

TIGHTENING TORQUE	
Air filter cover screws	3 Nm ± 0.5 Nm (27 lbf-in ± 4 lbf-in)

Reinstall the right service cover.

Engine Coolant

Recommended Engine Coolant

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

To prevent antifreeze deterioration, always use the same brand and grade. Never mix different brands or grades unless cooling system is completely flushed and refilled.

XPS™ RECOMMENDED COOLANT
Extended life pre-mixed coolant
If THE RECOMMENDED XPS COOLANT IS NOT AVAILABLE
Use a low silicate, extended life ethylene-glycol premixed coolant (50%-50%) specifically formulated for internal combustion aluminum engines.

Verifying the Engine Coolant Level

⚠ WARNING

When opening the reservoir, the coolant can be very hot and spray out if the engine is hot. In order to avoid getting burned, check the coolant level when the engine is cold.

With the engine cold, check the coolant level as follows:

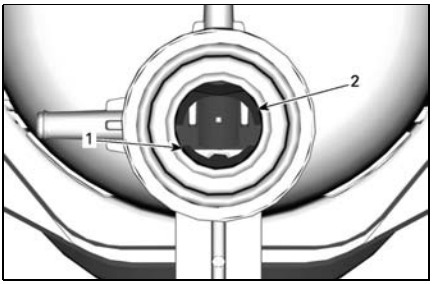
1. Park the vehicle on a firm, level surface.
2. Open the front storage compartment cover.
3. Remove the front service cover. Refer to *SERVICE COVER*in *EQUIPMENT*.
4. Check the coolant level on the right hand side of the reservoir . Coolant must be visible slightly above the COLD level mark.

Note: If engine is hot, coolant must be visible without exceeding the HOT level mark.

5. If required, add coolant until it is visible in the reservoir slightly above the COLD level mark. Use

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

6. Stop adding coolant once coolant starts to appear in the tube.



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1. COLD coolant level reference line
2. HOT coolant level reference line

7. Reinstall the service cover.

Note: A coolant system that frequently requires coolant indicates leaks or engine problems. See an authorized Can-Am On-Road dealer.

Radiator Fans

Cleaning the Radiator Fans

Remove any debris from the grills.

Note: Do not clean with a pressure washer because it can damage the radiator fins. Clean only with compressed air from behind (blow the air from the back towards the front).



219002072-074

1. Radiator fan grilles

Note: When the engine is running and the vehicle is stopped or travelling at low speed, the radiator fans push air towards the front of the vehicle. When the vehicle is travelling at higher speed the fans push the air towards the back of the vehicle.

Battery

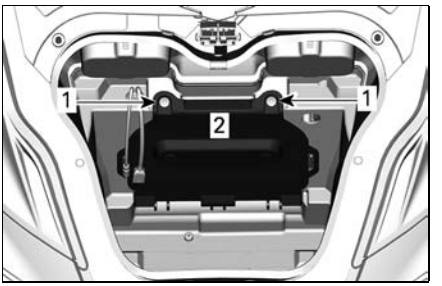
Battery Location

The battery is located in the front storage compartment.

To access the battery, open the front storage compartment.

On *LIMITED MODELS*, open the zipper of the inner liner.

Remove the battery access panel.



219002010-002

1. Screws
2. Battery access panel

Charging the Battery

The vehicle is equipped with a maintenance-free type battery and is completely sealed; there is no need to add water to adjust the electrolyte level. The battery may need to be charged if the vehicle has not been ridden for at least one month.

Always have the battery replaced by an authorized Can-Am On-Road dealer.

⚠ WARNING

Do not use conventional lead-acid type batteries. Acid may leak out through the battery vent of a conventional lead-acid type battery. Acid may also leak if the battery case is cracked or damaged, which can cause severe burns.

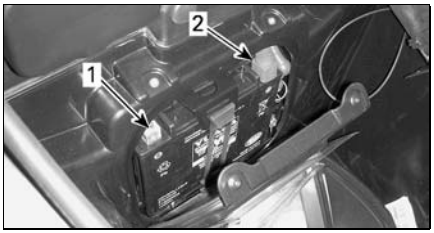
The battery can be charged while it is installed on the vehicle.

NOTICE Follow the instructions provided with your battery charger. Improper charging may damage the battery.

To charge the battery, proceed as follows:

1. Open the front storage compartment.
2. On *LIMITED MODELS*, open the zipper of the inner liner.
3. Remove the battery access panel.
4. First connect the RED (+) cable to the corresponding terminal.
5. Connect the BLACK (-) cable to the corresponding terminal.

NOTICE Always connect the RED (+) cable first to avoid damaging the electrical system of the vehicle.



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1. *BLACK (-) terminal*
2. *RED (+) terminal*

6. Start the battery charger. Charging time will depend on the charging rate. The recommended charging rate is 2 A.

When the battery is charged:

7. First disconnect the BLACK (-) cable.
8. Disconnect the RED (+) cable.

NOTICE Always disconnect the BLACK (-) cable first to avoid damaging the electrical system of the vehicle.

9. Close the battery access panel and the front storage compartment.

For home charging, a “trickle” charger can be used to slowly charge the battery. This type of charger can be left connected for a long period of time without damaging the battery. Always follow the charging time as recommended in the charger instructions.

Drive Belt

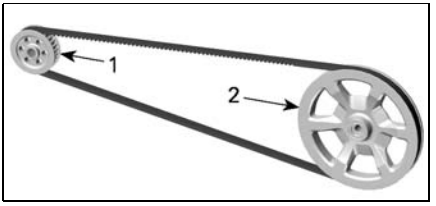
Visually inspect belt alignment and condition before each ride.

Belt alignment and deflection adjustment should always be performed by an authorized Can-Am On-Road dealer according to the *MAINTENANCE SCHEDULE*.

Drive Belt Alignment

If belt goes beyond the outside edge of sprocket, have the belt properly aligned by an authorized Can-Am On -Road dealer as soon as possible.

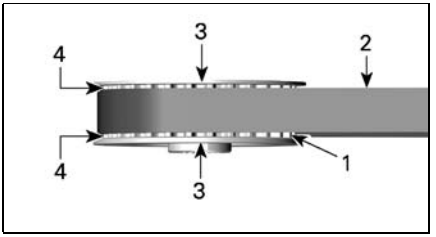
Note: Belt must **NOT** be in contact with flanges from **FRONT SPROCKET** .



219001702-001_a

TYPICAL

1. *Front sprocket*
2. *Rear sprocket*



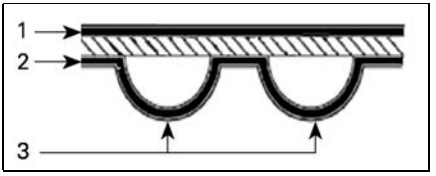
219001702-002_a

TYPICAL - FRONT SPROCKET

1. *Front sprocket teeth*
2. *Belt*
3. *Sprocket flanges*
4. *Gap between flanges and belt*

Drive Belt Wear

Inspect the drive belt with the vehicle in neutral, engine off, on a level surface with plenty of room — you will have to roll the vehicle forward or backward to see the full length of the belt.



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DRIVE BELT SURFACES

1. *Outer surface*
2. *Teeth side surface*
3. *Tooth*

Inspect for the following conditions:

WEAR CONDITION	REQUIRED ACTION
Good condition 	None
Hairline cracks 	Monitor condition
Minor chipping 	Monitor condition
Opened cracks 	Replace belt
Hook wear 	Replace belt
Missing teeth 	Replace belt
Belt fabric worn, exposing internal components 	Replace belt
Stone damage 	Replace belt

Note: Hairline cracks do not require the replacement of the belt, but must be monitored closely — they may lead to opened cracks or missing teeth, requiring belt replacement. Damage to the center of the belt will eventually require belt replacement, but when cracks extend to the edge of the belt, belt failure is imminent.

When a drive belt is replaced, also replace the sprockets to increase the longevity of the new drive belt.

Drive Belt Tension

While riding, if you feel vibrations or noise in the belt or if the belt is skipping sprocket teeth, have the belt tension adjusted as soon as possible by an authorized Can-Am On-Road dealer. Pay particular attention during break-in period (first 1 000 km (600 mi)).

Wheels and Tires

⚠ WARNING

Tires that are not the recommended type, damaged, worn down below the minimum tread wear limit indicator or not properly inflated can cause loss of control.

New tires will not operate at their maximum efficiency until their break-in is completed. Braking, steering and VSS performance may be reduced, so use extra caution. Tires take about 300 km (200 mi) of riding with frequent braking to break-in. For riding with infrequent braking, allow extra time to break-in the tires.

The tires have been specifically designed for this vehicle. Use only the BRP recommended radial tires, which can be ordered only from an authorized Can-Am On-Road dealer.

When the rear tire is removed or replaced, perform the following:

- Check and clean the rear sprocket bearing. Replace if damaged or broken.
- Check and clean the rear axle bearings. Replace if damaged or broken.
- Replace and lubricate the bearing seal of the rear axle.
- Replace and lubricate rear axle O-ring.
- Check and clean the rear axle wear sleeves. Replace if damaged or broken.

When the rear wheel is removed or replaced, perform the following:

- Replace rear wheel nut.
- Replace and lubricate the bearing seal of the rear axle.
- Replace and lubricate rear axle O-ring.
- Check rubber damper condition. Replace if damaged or broken.

Tire Pressure

Use the recommended cold inflation pressure for optimum tire performance and wear. Under-inflation or over-inflation may cause uneven tread wear patterns.

Recommended tire inflation pressure is found on the Tire Label located inside the right side service cover.

When weather temperature changes occur, tire inflation pressures also change. A drop of 6°C (10°F) can cause a corresponding drop of 1 psi (7 kPa) in inflation pressure. Check your tire pressures frequently and adjust them to the proper pressure

Note: The pressure difference between the left and right side tire should not exceed 3.4 kPA (.5 PSI).

Tire Damage

Check all tires for:

- Cuts, slits and cracks in the tires.
- Bumps or bulges in the side of the tire or the tread.
- Nails or other foreign objects in the side of the tire or tread.
- Air leaks (hissing sound) caused by an ill-fitting rim or a faulty tire valve.

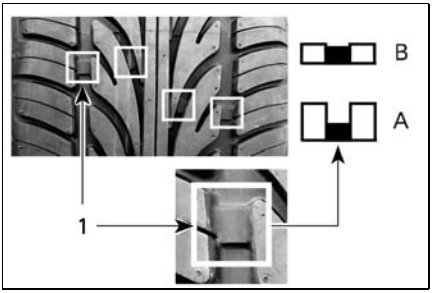
If any of the above occurs, have the tire repaired or replaced as soon as possible by an authorized Can-Am On-Road dealer.

Tire Tread Wear

Check minimum tread depth by using the tread-wear indicators (hard rubber bars molded at the base of the tread; 1 in figure below). Check in three locations across the tire tread:

- Outer edge
- Center
- Inside edge.

The tread-wear indicators will appear across the treads that have been worn down to the minimum tread depth. When at least one tread-wear indicator appears across the tread, have the tire replaced as soon as possible by an authorized Can-Am On-Road dealer.



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TIRE TREAD WEAR

1. Tread-wear limit indicator

A. Appropriate tread depth

B. Minimum tread depth, replace tire

It is normal to see uneven wear on tires depending on how the vehicle is driven and road conditions. The front tires external or internal edges and the rear tire center tread will wear unevenly depending on if the vehicle is driven smoothly or aggressively.

Tire Rotation

Rotate front tires when tread depth reaches 4 mm (5/32 in). This will maximize tire life.

⚠ WARNING

The tires are designed to rotate only in one direction. Do not switch the left and right front wheels. The tires must be dismounted from the wheels for tire rotation. If a tire is mounted on the incorrect side, you will have less traction and could lose control.

⚠ CAUTION

Do not hold the front wheel spoke while attempting to spin the front wheel as

your fingers may be caught between the wheel and the brake caliper.

Tire Registration Form

In the event of a tire recall, we can only contact you if we have your name and address. As a vehicle manufacturer, BRP keeps a record of the Tire Identification Number (TIN) associated with the Vehicle Identification Number (VIN) (see *VEHICLE IDENTIFICATION*) and its current owner information.

If you replace any tire on your vehicle, a "Tire Registration Form" must be completed and sent to the tire manufacturer consumer service group. The “Tire Registration Form” is available at an authorized Can-Am On-Road dealer.

Brakes

⚠ WARNING

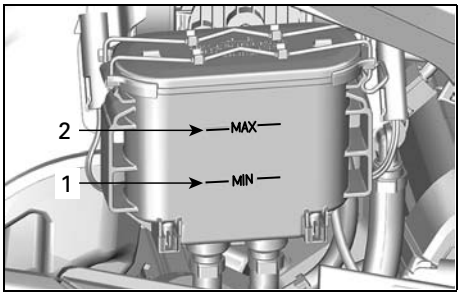
New brakes will not operate at their maximum efficiency until their break-in is completed. Braking performance may be reduced, so use extra caution. Brakes take about 300 km (200 mi) of riding with frequent braking to break-in. For riding with infrequent braking, allow extra time to break-in the brakes.

Verifying the Brake Fluid Level

Use only DOT 4 brake fluid from a sealed container.

Check the brake fluid level as follows:

1. Park the vehicle on a firm, level surface.
2. Remove the right service cover. Refer to *SERVICE COVER*in *EQUIPMENT*.
3. Check the brake fluid level in reservoir.It should be above the MIN. line.



219002072-086

1. *Brake fluid MIN. level line*
2. *Brake fluid MAX. level line*

4. Add fluid as required. Refer to *ADDING BRAKE FLUID*.

Note: Low brake fluid may indicate leaks or worn brake pads. See an authorized Can-Am On-Road dealer.

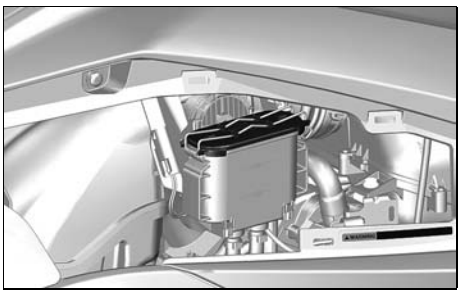
Adding Brake Fluid

1. Clean the filler cap.

WARNING

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

2. Remove the filler cap.



219002072-077

3. Add fluid to MAX level.

Note: Replacing brake pads will increase brake fluid level. If replaced when at MAX level, brake fluid spills may occur.

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

4. Reinstall filler cap and lock in place.
5. Reinstall the service cover.

Verifying the Brake System

The front and rear brakes are hydraulic disc types. These brakes are self-adjusting and do not require adjustment.

The brake pedal also requires no adjustment.

To keep brakes in good condition, check the following as per the *MAINTENANCE SCHEDULE*:

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

See an authorized Can-Am On-Road dealer if there are any problems with the brake system.

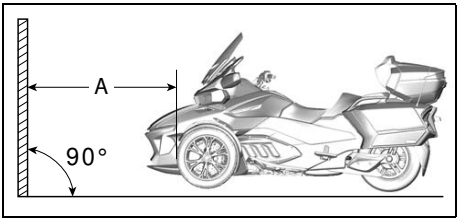
Headlights

Verifying the Headlights Aiming

1. Verify tires are correctly inflated. Refer to the *TIRES PRESSURE LABEL*located under the driver's seat..
2. On base models, set the rear suspension air pressure to the correct loading condition (refer to the *REAR SUSPENSION PRESSURE LABEL* locacated also under the driver's seat).

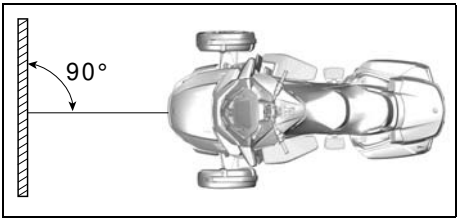
Note: For Limited models, the compressor levels the vehicle automatically.

3. Position vehicle in front of a test surface as shown. Make sure vehicle is on leveled ground.



219002072-082

A. 10 m (33 ft)



219002072-083

Trace 2 lines parallel to the ground on the test surface as follows:

Lines on the Test Surface	
Line A	770 mm (30-5/16 in) above ground
Line B	718 mm (28-9/32 in) above ground

4. Select **low** beam.

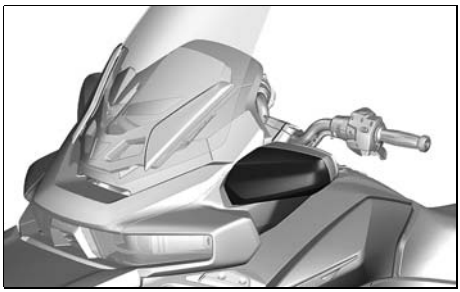
NOTICE Make sure the loading conditions are representatives of the riding conditions when adjusting the headlights.

5. Beam aiming is correct when the top line of the headlight reflection is between lines A and B.

Headlights Vertical Aiming Adjustment

When adjusting the headlight, low and high beam are adjusted simultaneously.

1. Remove the mirror trim.



219002072-084

2. On Australian models:
   2.1 Unplug the flasher connector.



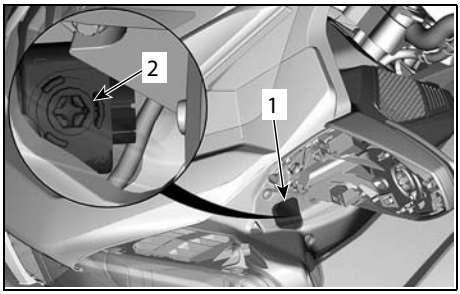
219002072-300

   2.2 Remove the screw on the end of the mirror housing.



219002072-301

   2.3 Slightly, pull the mirror to make more room.
3. Using the Phillips screwdriver provides in the tool kit, turn the headlight adjuster to adjust the headlights vertically.



219002072-085

1. Access hole
2. Headlight adjuster

Headlight Beam Adjustment	
Raise beam	Turn adjuster screw clockwise
Lower beam	Turn adjuster screw counterclockwise

4. Reinstall the mirror trim.

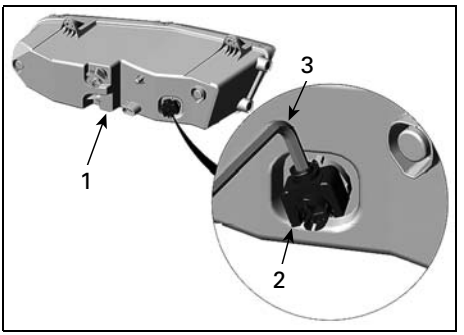
Headlights Horizontal Aiming Adjustment

1. Lift up the glove box and move it aside to make room.



219002072-302

2. Insert your hand in the opening and push to the foam part under the display to access the inner of the console. It may be necessary to displace the electric harness aside to work easily.
3. With your fingers, locate the adjuster on the headlight housing. The adjuster looks like this.
4. Using the short bent side of the Allen key provides in the tool kit, turn the headlight adjuster to adjust the headlights horizontally.



219002072-303

LH HEADLIGHT ADJUSTER SHOWN

1. *LH headlight housing*
2. *Headlight adjuster - horizontal adjustment*
3. *6mm Allen key*

Adjust the headlight so that the center of the focus point (brightest spot on the wall) is located at approximately 160 mm (6.3 in) each side of the center of the vehicle.

Cleaning the Vehicle

Do not use high-pressure washers (like the ones found in car washes) as they may damage certain parts of the vehicle.

NOTICE Chrome wheels should be washed with water and mild soap. Do not polish, use acid based or abrasive chrome cleaner on the chrome wheels.

NOTICE Do not clean the windshield with alkaline or acid cleaner, gasoline or solvent to avoid windshield damage.

NOTICE For **Matte finishes** , do not use wax, detail spray, or other products used on regular paint. Do not wash with abrasive materials. Do not use mechanical cleaners or polishers, and do not rub the surfaces vigorously.

To clean the vehicle:

1. Rinse the vehicle thoroughly with water to remove loose dirt.
2. Using a soft, clean cloth, wash the vehicle with water mixed with a mild detergent, such as soap specially formulated for motorcycles or automobiles.

Note: Using warm water works well to remove bugs in the windshield and front panels.

3. While washing the vehicle, check for grease or oil. You can use service product or a mild automotive degreaser. Thoroughly follow the manufacturer's instructions.

Service product
XPS Roadster wash

4. Dry the vehicle with a chamois or a soft towel.

Vehicles with Matte Finishes

NOTICE Do not use wax, detail spray, or other products used on regular paint. Do not wash with abrasive materials. Do not use mechanical cleaners or polishers, and do not rub the surfaces vigorously.

Hand-wash with a soft wash mitt and a mild cleaning product safe for matte paint. To remove foreign substances such as insects, use a soft applicator and a mild solvent. Saturate and soak area before cleaning. Rub lightly.

This paint finish may require more frequent cleaning.

Vehicle Protection

Apply non-abrasive wax to plastic parts.

NOTICE Do not wax or polish matte surfaces.

Surface	Product/Precaution
Glossy finishes	Apply only non-abrasive wax, safe for clear coat paints
Matte finishes	Do not apply wax

NOTICE Do not polish windshield with any plastic cleaner/polisher.

⚠ WARNING

Do not apply a vinyl or plastic protector on the seat as the surface will become slippery and the operator or the passenger may slip off the vehicle.

STORAGE AND PRESEASON PREPARATION

Storage

If the vehicle will not be ridden for at least four months, such as during the winter, proper storage is necessary to keep the vehicle in good condition.

BRP recommends you have your authorized Can-Am On-Road dealer, repair shop, or person of your own choosing fully prepare your vehicle for storage. Or, at your convenience, you can follow the basic procedures below.

To Prepare the Vehicle for Storage:

1. Inspect vehicle and have your authorized Can-Am On-Road dealer, repair shop, or person of you own choosing for maintenance, repair, or replacement if necessary.
   - For US and Canadian citizens, please refer to the US EPA EMISSION PERFORMANCE WARRANTY contained in the *WARRANTY* section for information about warranty claims.
2. Change the engine oil and filter. Seek service from an authorized Can-Am On-Road dealer, repair shop, or person of your own choosing for maintenance, repair, or replacement.
3. Check level of the engine coolant and the brake fluid.
4. Fill the fuel tank, add fuel stabilizer and run the engine to prevent the tank from rusting and the fuel from deteriorating. Strictly follow instructions on fuel stabilizer container.
5. Inflate all tires to their recommended pressure.
6. Clean the vehicle.
7. Lubricate all control cables and latches, pivoting points of all levers and lubrication points of front suspensions.
8. Close and latch all storage compartments.
9. Cover the vehicle with a permeable materials (e.g., tarpaulin). Avoid using plastic or similar non-breathing, coated materials that restrict air flow and allow heat and moisture to accumulate.
10. Store the vehicle in a dry area, away from sunlight, with a small amount of daily temperature variation.
11. Slow charge the battery once a month at the recommended charging rate of 2 A. It is not necessary to remove the battery.

Preseason Preparation

After a storage period, the vehicle must be prepared and inspected before riding. Perform the following:

1. Uncover and clean the vehicle.
2. Charge the battery if needed.
3. Perform a pre-ride inspection, then test-ride the vehicle at low speed.

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ROAD SIDE REPAIRS

NOTICE If the vehicle must be transported, do not have it towed — towing can seriously damage the vehicle. Refer to *TRANSPORTING THE VEHICLE* in this section for detailed instructions.

Will not Shift into Neutral

If the gearbox cannot shift into neutral when vehicle is not moving:

1. The engine speed will be automatically increased to approximately 1300 RPM then it will be brought back to idle speed.
2. Up to 3 attempts will be done.
3. If it does not work, retry pressing upshift or downshift.

Will not Shift

Have your vehicle transported to the nearest Can-Am On-Road dealer.

Engine Does Not Start

Engine does not turn over

1. Scrolling safety message on the multifunction gauge not acknowledged.
   – *READ THE SAFETY MESSAGE THEN PRESS THE MODE BUTTON.*

2. Engine stop switch in the OFF position.
   – *MAKE SURE THAT THE ENGINE STOP SWITCH IS IN THE ON POSITION.*

3. Ignition switch in the OFF position.
   – *TURN THE IGNITION TO THE ON POSITION.*

4. Battery dead or poor battery connections.
   – *CHECK THE BATTERY CHARGE. RECHARGE IF NECESSARY (SEE MAINTENANCE PROCEDURES).*

   – *CHECK THE BATTERY CONNECTIONS IN THE FRONT STORAGE COMPARTMENT (SEE MAINTENANCE PROCEDURES).*

5. Blown fuse.
   – *CHECK FUSE CONDITION (SEE THE HOW TO REPLACE FUSES AND LIGHTS IN THIS SECTION).*

6. Transmission is in gear.
   – *DEPRESS BRAKE PEDAL IF TRANSMISSION IS IN GEAR.*

7. The key is not read.
   If the immobilizer system cannot read the key, the engine will not start. The following conditions can lead to the immobilizer system failing to read the key:
   - Damaged computer chip
   - Large metallic object near the key
   - Electronic device near the key
   - Second electronic coded key near the main key
   - Other strong electromagnetic field in the key area

   – *IF THE ENGINE DOES NOT START AND A KEY ERROR MESSAGE IS DISPLAYED IN THE CLUSTER, MAKE SURE THAT NONE OF THE ABOVE CONDITIONS ARE*

PRESENT. IF THE PROBLEM IS STILL PRESENT WITHOUT THESE CONDITIONS, SEE AN AUTHORIZED CAN-AM ON-ROAD DEALER.

Engine turns over, but does not start

1. Low fuel.
   – *FILL THE FUEL TANK. REFER TO BASIC PROCEDURES.*

2. Weak battery.
   – *CHECK BATTERY CHARGE. RECHARGE IF NECESSARY (SEE MAINTENANCE PROCEDURES).*

   – *CHECK THE BATTERY CONNECTIONS IN THE FRONT STORAGE COMPARTMENT (SEE MAINTENANCE PROCEDURES).*

3. Engine management problem.
   – *CHECK TO SEE WHETHER THE ENGINE MALFUNCTION INDICATOR LAMP IS ON WHILE STARTING. SEEK SERVICE FROM AN AUTHORIZED CAN-AM ON-ROAD DEALER, REPAIR SHOP, OR PERSON OF YOUR OWN CHOOSING FOR MAINTENANCE, REPAIR, OR REPLACEMENT. PLEASE REFER TO THE US EPA EMISSIONS PERFORMING WARRANTY CONTAINED HEREIN FOR INFORMATION ABOUT WARRANTY CLAIMS.*

MESSAGES IN MULTIFUNCTION GAUGE

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

Indicator Lamps (Malfunctions)			
INDICATOR	**MESSAGE/ WARNING**	**CAUSE**	**WHAT TO DO**
	BAD KEY	Defective key	Contact an authorized Can-Am On-Road dealer.
	WRONG KEY	Wrong key	Use the right key for the vehicle or contact an authorized Can-Am On-Road dealer.
	CHECK KEY	Defective key	Contact an authorized Can-Am On-Road dealer.
	HIGH ENGINE TEMPERATURE	Engine is overheating	- Stop and wait for engine to cool off. - Check for leaks. - Check coolant level and adjust (see *MAINTE-NANCE PROCEDURES*).
	SUSPEN-SION FAULT	Air controlled suspension malfunction	- Check pressure in the air spring - Check rear suspension position sensor - Have the vehicle transported to the nearest authorized Can-Am On-Road Dealer to verify the Air Controlled Suspension Min/Max values calibration.
	BRAKE FAILURE	EBD malfunction	Have the vehicle transported to the nearest authorized Can-Am On-Road dealer.

Indicator Lamps (Malfunctions)			
INDICATOR	**MESSAGE/ WARNING**	**CAUSE**	**WHAT TO DO**
	TRANSMIS-SION SIGNAL FAULT	Transmission Control Module component	- Remove key, wait 20 seconds, and reinsert key. - Have the vehicle repaired by an authorized Can-AmOn-Road dealer.
	CHECK DPS	Dynamic power steering component	Have the vehicle repaired by an authorized Can-Am On-Road dealer.
	BRAKE FAILURE - LOW BRAKE FLUID	Low brake fluid level or faulty sensor	- Check for brake fluid leaks. - Check brake fluid level and adjust (see *MAINTE-NANCE PROCEDURES*).
	LIMP HOME MODE	Important engine management component or VSS malfunction	* Have the vehicle transported to the nearest authorized Can-Am On-Road dealer.
	LOW OIL - STOP ENGINE	Low oil pressure	- Check for oil leaks. - Check oil level and adjust (see *MAINTENANCE PROCE-DURES*.

* BRP recommends having the vehicle transported when in LIMP HOME. If you operate the vehicle in LIMP HOME, avoid abrupt maneuvers and immediately go to the nearest authorizedCan-Am On-Road dealer to have your vehicle serviced before riding again. In LIMP HOME, the engine RPM is limited and therefore the vehicle speed.

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



219001827-403_a

TYPICAL

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

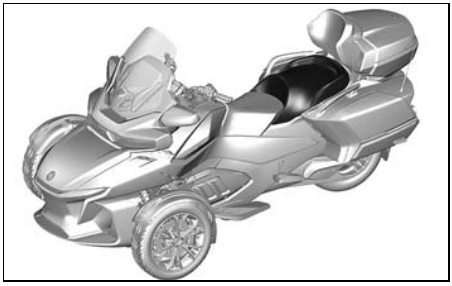
WHAT TO DO IN THE FOLLOWING CIRCUMSTANCES

Lost Keys

Use your spare key to have another one made by an authorized Can-Am On-Road dealer as soon as possible. **If both keys are lost** , the ignition switch, the key barrel of the rear storage compartment and the trailer key barrel (if using a BRP trailer) will need to be replaced at the expense of the vehicle owner.

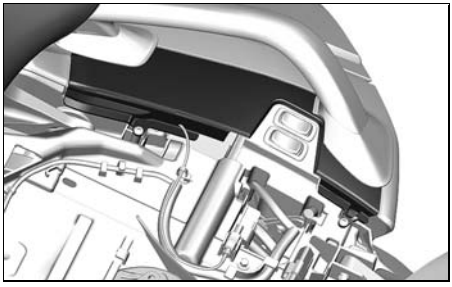
Cannot Open the Side Storage Compartment

Remove the passenger's seat.



219002072-075

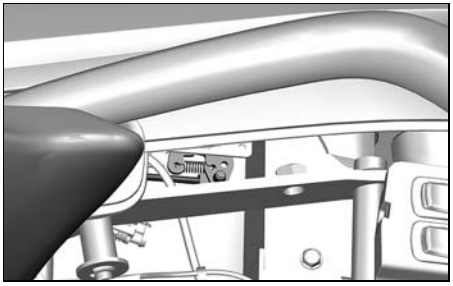
Remove both retaining screws from the access panel.



219002072-088

Pull out access panel.

Move the mechanism to release the latch.



219002072-089

Flat Tire

If a tire has a **major** puncture or cut in the tread and is completely deflated, have the vehicle transported to the nearest Can-Am On-Road dealer. Refer to *TRANSPORTING THE VEHICLE* for transporting instructions.

If a tire has a **minor** nail or stone puncture and is not completely deflated, the tire can be temporarily repaired. To temporarily repair a tire, a self-inflating tire sealer or tire plug repair kit can be used. Follow the manufacturer's instructions that come with the tire sealer or repair kit and have the tire repaired or replaced by an authorized Can-Am On-Road dealer **as soon as possible** .

When a tire is temporarily repaired, ride slowly and carefully, and frequently check tire pressure until it is replaced or permanently repaired.

Dead Battery

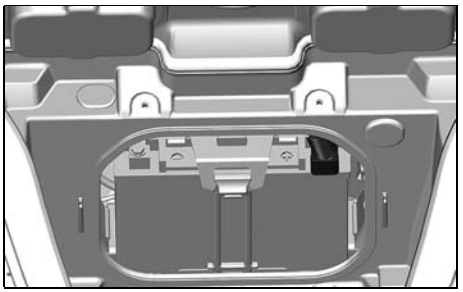
If the battery is dead or too low to crank the engine, it can be jump started.

⚠ WARNING

Connect the jumper cables as specified in the jump start procedure.
Batteries can emit explosive gas that can ignite if jumper cables are not properly connected.

NOTICE Do not disconnect the discharged battery.

1. Park the booster vehicle closed to the front of your vehicle.
2. Shift vehicle into neutral (N).
3. Open the front storage compartment cover.
4. Remove the battery access panel.
5. Remove the positive terminal cover and clean corrosion from battery posts before connecting the jumper cables.



219002072-090

6. Beginning by connecting one end of the RED jump lead to the positive (+) post of the discharged battery.
7. Connect the other end of the RED jump lead to the positive (+) post of the booster vehicle battery.
8. Connect one end of the BLACK jump lead to the negative (-) post of the discharged battery.
9. Connect the other end of the BLACK jump lead to the negative (-) post of the booster vehicle battery.
10. Start the booster vehicle and let run to idle.
11. Start your vehicle in the usual way; if the engine does not start, wait a few minutes before repeating the attempt in order to protect the starter motor and the booster battery.

Note: If it still does not start, there might be a problem with the starting system. Have the vehicle transported (see *TRANSPORTING THE VEHICLE*) in this section) and repaired by an authorized Cam-Am On-Road dealer.

12. Once the vehicle has been started, let run both vehicles to idle for a few minutes before disconnecting the jumper cables.
13. Remove the jumper cables in the reverse order that they were connected.

Note: If the engine dies shortly after it has been started or when the jumper cables are disconnected, there might be a problem with the charging system. Have the vehicle transported (see *TRANSPORTING THE VEHICLE*) in this section) and repaired by an authorized Cam-Am On-Road dealer.

14. Have the battery fully recharged with a battery charger (see *MAINTENANCE PROCEDURES*) or by a qualified service station as soon as possible,

After recharging battery, have the vehicle inspected by an authorized Can-Am On-Road dealer.

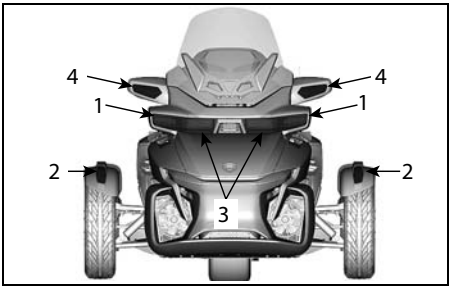
Lights

This vehicle is equipped with LEDs (light emitting diode) and this technology proved to be reliable. Only the back-up light and the rear flashers use bulbs.

The LED technology proved to be reliable and in the unlikely event they do not work, have them checked by an authorized Can-Am On-Road dealer.

Due to the complexity of the procedure, refer to an authorized Can-Am On-Road dealer to replace bulbs of rear flashers and back-up light.

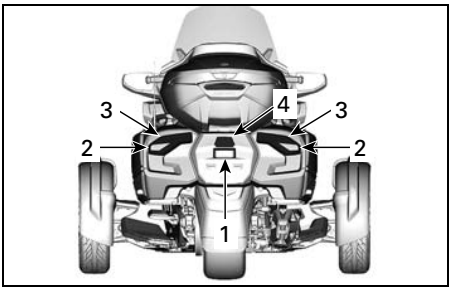
Australian Models



219002072-094

FRONT OF VEHICLE

1. *Headlights — low beam*
2. *Position lights*
3. *Headlights — high beam*
4. *Turn signals*

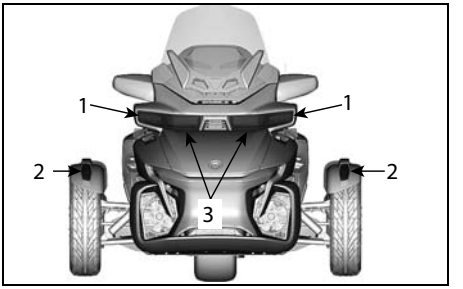


219002072-095

REAR OF VEHICLE

1. *License plate light*
2. *Taillights and brake lights*
3. *Turn signal lights*
4. *Backup light*

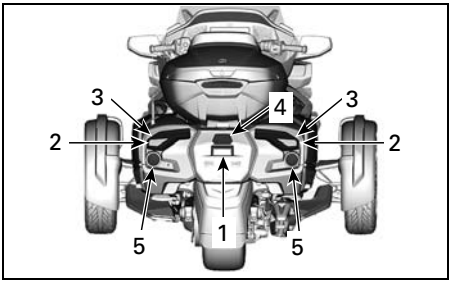
Japanese Models



219002072-096

FRONT OF VEHICLE

1. *Headlights — low beam*
2. *Position lights/Turn signals*
3. *Headlights — high beam*

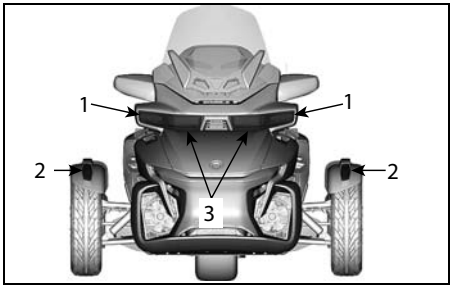


219002072-091

REAR OF VEHICLE

1. *License plate light*
2. *Taillights*
3. *Turn signal lights*
4. *Backup light*
5. *Brake lights*

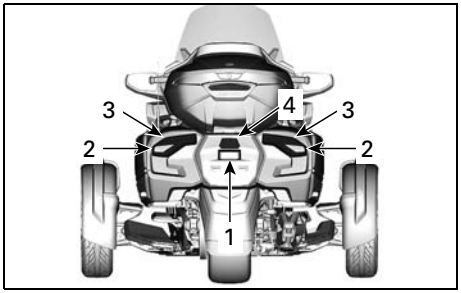
All Other Models



219002072-096

FRONT OF VEHICLE

1. *Headlights — low beam*
2. *Position lights/Turn signals*
3. *Headlights — high beam*



219002072-095

REAR OF VEHICLE

1. *License plate light*
2. *Taillights and brake lights*
3. *Turn signal lights*
4. *Signature light (Limited only - Canada and USA)*
5. *Backup light*

HOW REPLACING FUSES

Fuses

If any electrical accessories stop working on the vehicle, check for blown fuses and replace if necessary.

If an electrical failure still occurs, have the vehicle serviced by an authorized Can-Am On-Road dealer.

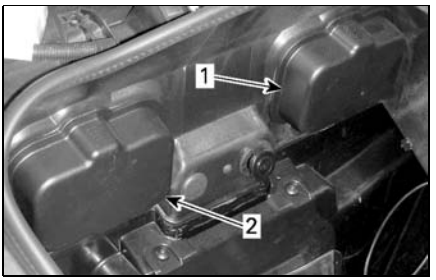
Fuse Locations

Fuses are located in the front storage compartment.

To access the fuses, open the front storage compartment.

On Limited models, .

Push down on the fuse service covers and pull the covers off.

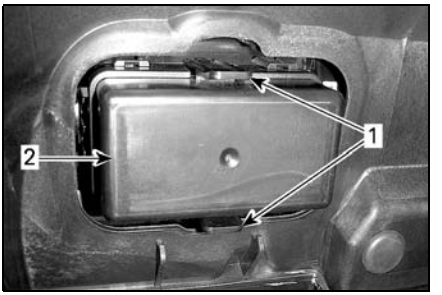


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INSIDE FRONT STORAGE COMPARTMENT

1. *Left fuse service cover*
2. *Right fuse service cover*

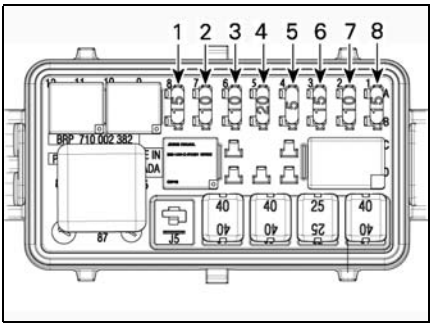
Push down on the tabs and carefully remove the fuse box covers.



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1. *Tabs*
2. *Fuse box cover*

Fuse Description



rmo2014-005-023_a

FUSES - LEFT FUSE BOX

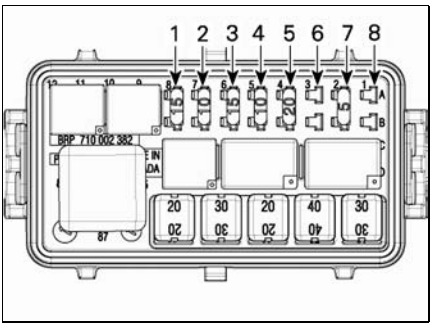
Note: Refer to decal located between both fuse boxes for correct identification

Note: Fuse boxes may differ between models.

Table 1 Left Fuse Box

Fuse NO.	Description	Rating
1	Cluster / DLC	15 A
2	Wake-up ECM / VCM/ MSR and D.E.S.S. /SAS / YRS / PRS	10 A
3	Alternator	10 A

Fuse NO.	Description	Rating
4	WPM	20 A
5	ECM	5 A
6	Injectors / Coils	15 A
7	Wake-up TCM, DPS / Cluster, Fuel gauge and Coolant temperature gauge	10 A
8	H02S / CAPS / Fuel pump / EVAP / CSV, PSR	15 A



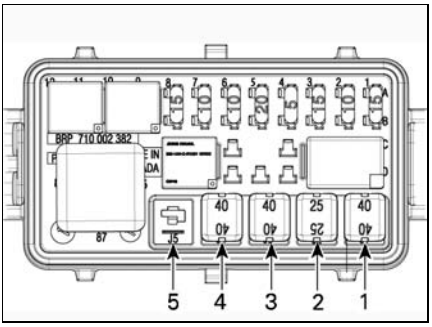
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FUSES - RIGHT FUSE BOX

Table 2 Right Fuse Box

Fuse NO.	description	Rating
1	Days lights / Parking lamps / Plate lights	15 A
2	Brake lights / Hazard	10 A
3	Amplifier	15 A
4	Trailer module	10 A
5	Horn, Load shedding	25 A
6	DC plugs VKEY	5 A
7	DC Plugs VBAT	5 A
8	NOT USED	

Note: When fuse 6 is installed, 12 V power outlet is only operational when ignition switch is at ON position. When fuse 7 is installed, 12 V power outlet is always operational.

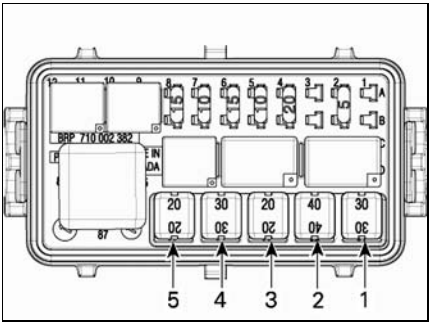


rmo2014-005-023_b

JCASE FUSES - LEFT FUSE BOX

Table 3 Left JCase Fuse Box

Jcase Fuse NO.	description	Rating
1	VCM pump	40 A
2	VCM valves	25 A
3	DPS	40 A
4	Main control (F1, F2,R4, R5)	40 A
5	Not used	



rmo2014-005-025_b

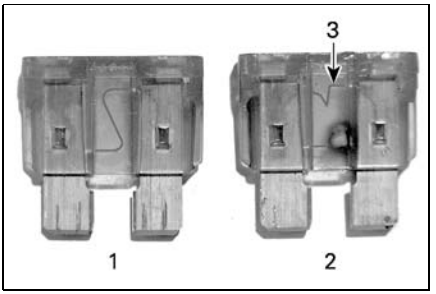
JCASE FUSES - RIGHT FUSE BOX

Table 4 Right JCase Fuse Box

Jcase Fuse NO.	description	Rating
1	Cooling fan	30 A
2	Accessories	40 A
3	TCM solenoids	20 A
4	LO headlamps	30 A
5	HI headlamps	20 A

Replacing a Fuse

1. To access the fuses, refer to *FUSE LOCATIONS* in *FUSES*.
2. Set the ignition switch to OFF.
3. Pull the fuse out.
4. Check whether the filament is melted.



rmo2008-001-060_a

FUSE

1. *Good fuse*
2. *Blown fuse*
3. *Melted filament*

5. Replace the fuse with one with the same rating. Spare fuses are located in the fuse box cover.

⚠ WARNING

Using a higher-rated fuse can cause severe damage and may cause fire.

6. To close the fuse box covers, position covers over fuse boxes and carefully push down until they click.
7. Zip up the liner if applicable.
8. To close the fuse service covers, position covers over fuse boxes and push down carefully until the fuse service covers engage.
9. Close the access cover and then the front storage compartment.

HOW TRANSPORTING THE VEHICLE

If your vehicle needs to be transported, it should be carried on a flatbed trailer of the proper size and capacity.

⚠ CAUTION

If you need to push the vehicle, do it from the right-hand side to be able to reach the brake pedal.

When pulling the vehicle backwards, be careful that the front wheel does not roll over your feet.

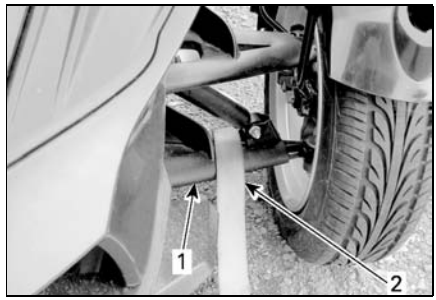
NOTICE Do not tow this vehicle—towing can seriously damage the vehicle drive system.

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

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

To load the vehicle for transport, proceed as follows:

1. Shift the vehicle into NEUTRAL (N).
2. Remove the key from the ignition switch.
3. Put a strap around the lower arm of each front suspension.

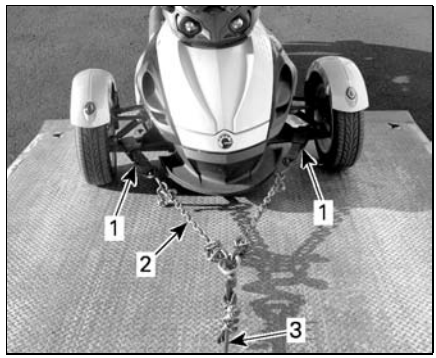


rmo2010-001-097_a

1. Lower suspension arm
2. Strap between shock absorber and fin

NOTICE Do not place the strap over the fin. This could break it.

4. Attach the straps to the winch cable. If possible, use chains or additional straps to attach the straps to the winch cable as indicated below to avoid damaging the bumper cover.

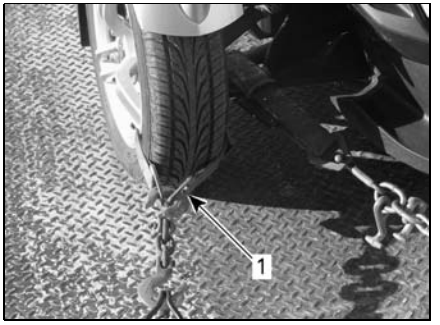


rmo2008-001-066_a

TYPICAL
1. Strap around front suspension lower arms
2. Chains to avoid damaging the bumper cover
3. Winch cable

5. Ensure that the parking brake is released.
6. Pull the vehicle on the flatbed trailer with the winch.

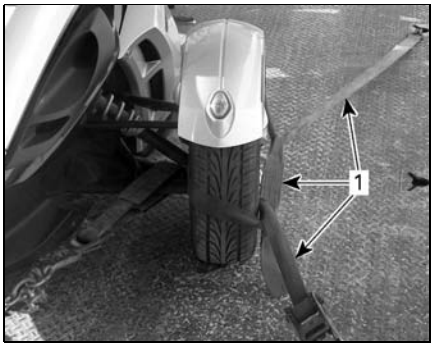
7. Engage the parking brake.
8. Ensure that the vehicle gear is in NEUTRAL (N).
9. Strap the front tires by using one the following methods indicated below.



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TYPICAL FRONT WHEELS ATTACHMENT — METHOD 1

1. *Strap around the rim of each front wheel and attached to the front of trailer*



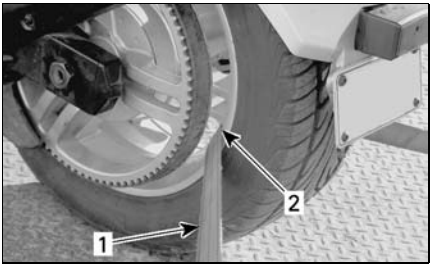
rmo2008-001-073_a

TYPICAL FRONT WHEELS ATTACHMENT — METHOD 2

1. *Strap around each wheel and fixed to the front and rear of trailer*

10. Pass a tie-down strap inside the rear wheel rim only. Do not pass the tie-down strap inside the rear sprocket.

NOTICE Passing the tie-down strap inside the rear sprocket may seriously damage the drive system.



rmo2008-001-067_a

TYPICAL REAR WHEEL ATTACHMENT

1. *Tie-down strap*
2. *Inside rear wheel rim ONLY*

11. Firmly attach the rear wheel tie-down strap to the rear of the trailer with a ratchet.
12. Ensure that both the front and rear wheels are firmly attached to the trailer.



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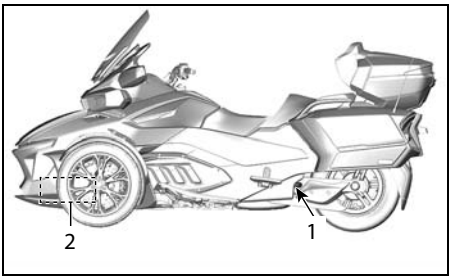
TYPICAL

1. *Front and rear wheel firmly attached to trailer*

TECHNICAL INFORMATION

VEHICLE IDENTIFICATION

The main components of your vehicle (engine and frame) are identified by different serial numbers. It may sometimes become necessary to locate these numbers for warranty purposes or to trace your vehicle in the event of loss. These numbers are required by the authorized Can-Am On-Road dealer to complete warranty claims properly. We strongly recommend that you take note of all the serial numbers on your vehicle and supply them to your insurance company.



219002072-078

LOCATION OF VIN

1. *Swing arm (VIN label)*
2. *Lower frame (VIN stamped on the right side)*

Vehicle Identification Number

Canadian and American Models



EN-704908253-DEC

VEHICLE SERIAL NUMBER LABEL

1. *VIN (Vehicle Identification Number)*
2. *Model number*

All Other Models

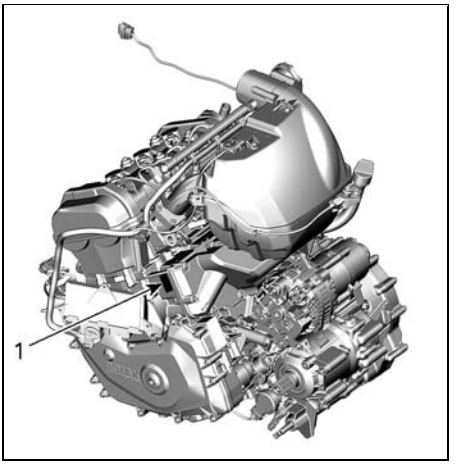


EN-704908254-DEC

VEHICLE SERIAL NUMBER LABEL

1. *VIN (Vehicle Identification Number)*
2. *Model number*

Engine Identification Number



219002072-079

TYPICAL

1. *EIN (Engine Identification Number) location*

Deployment of Alternative Fuel Infrastructure Compliance Label



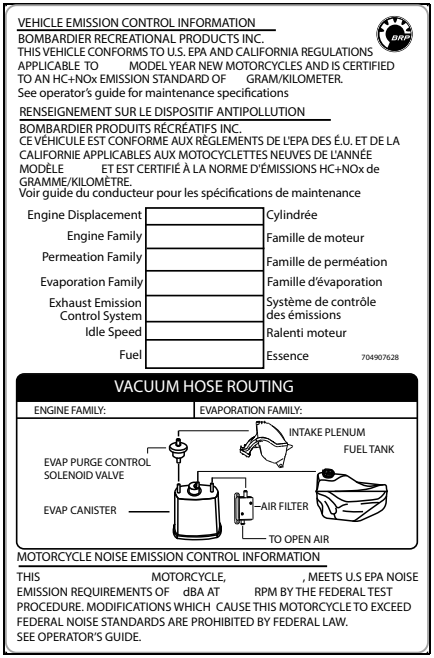
704907278-DEC

EUROPEAN MODELS - LOCATED NEAR GAS CAP

EPA Compliance Label

North American Models

This label is located under the operator's seat.



EN-704907628-DEC

NOISE EMISSION CONTROL SYSTEM REGULATION

Tampering with Noise Control System Is Prohibited!

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

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

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

1. Removal or alteration or the puncturing of the muffler or any engine component which conducts removal of engine exhaust gases.
2. Removal or alteration or the puncturing of any part of the intake system.
3. Replacing any moving parts of the vehicle or parts of the exhaust or intake system, with non-compliant part.
4. Lack of proper maintenance.

RADIO FREQUENCY DIGITALLY ENCODED SECURITY SYSTEM (RF D.E.S.S. KEY)

This device complies with FCC Part 15 and Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC: 11538A-246416

FCC ID: 2ABBF-246416

MULTIFUNCTION GAUGE REGULATORY INFORMATION

Technical Information

Transmitter:

- BT operating frequency range: 2402 – 2480 MHz
- BT version: 4.2 (no BTLE)
- BT output power: < 8.5 dBm

Receiver:

- FM operating range: 76 - 108 MHz

Manufacturer and Address

Manufacturer:

- Robert Bosch LLC

Address:

- 38000 Hills Tech Drive,
  Farmington Hills, MI 48331,
  USA

To display the regulatory information on the vehicle digital display: From the home screen, access the main menu and keep the joystick pressed down for more than 10 seconds.

USA and Canada

This device complies with FCC Part 15 and Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC: 22868 - VDIBRHS01

FCC ID: 2AMJS - VDIBRHS01

RF exposure:

1. The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment.
2. This equipment must be installed and operated with a separation distance of at least 20 cm from all persons.
3. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Mexico

IFETEL

Marca: Robert Bosch LLC

Modelo(s): VIPHI2BT

Número: RCPBOVI18-0967

NOM-121-SCT1-2009

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Brazil

ANATEL

Agência Nacional de Telecomunicações

03473-18-04473

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

Japan

This device is granted pursuant to the Japanese Radio Law (電波法) and the Japanese Telecommunications Business Law (電気通信事業法). This device should not be modified (otherwise the granted designation number will become invalid).

Europe

Declaration of Conformity

Simplified EU Declaration of Conformity according Radio Equipment Directive 2014/53/EU

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

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

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

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

SPECIFICATIONS

ENGINE		
Engine type		ROTAX® 1330 ACE, 4-stroke, Dual Over Head Camshaft (DOHC), liquid cooled
Number of cylinders		3
Number of valves		12
Bore		84 mm (3.31 in)
Stroke		80 mm (3.15 in)
Displacement		1 330 cm³ (81.16 in³)
Compression ratio		12:1
Lubrication	Type	Dry sump with separate oil tank and oil cooler
	Engine Oil Filter	BRP Rotax microglass fibre type, replaceable
	Transmission/HCM Oil Filter	BRP Rotax multi-layer surface filter, replaceable
	Oil capacity with new engine filter	4.7 l (5.0 qt(liq.,US))
	Oil capacity with new engine and HCM filters	4.9 l (5.2 qt(liq.,US))
	Recommended engine oil	4T 5W40 SYNTHETIC BLEND OIL (P/N 779133) or a 5W40 semi-synthetic or synthetic motorcycle oil meeting the requirements for API service SJ, SL, SM or SN classification and JASO MA2
Clutch	Type	Hydraulic clutch + wet multi-plate clutch automatically controlled by TCM
	Engagement	1100 RPM
Exhaust system		3 into 1 manifold, primary muffler with catalytic converter, with secondary muffler
Air filter		Paper element

GEARBOX	
Type	Sequential Electronic 6-speed with reverse interlock

COOLING SYSTEM		
Type		Liquid cooled, double radiator with cooling fans
Coolant	Type	See *ENGINE COOLANT* in the *MAINTENANCE PROCEDURES* section of this guide
	Capacity	4.2 l (1.1 U.S. gal.)

ELECTRICAL SYSTEM		
Ignition system type		Electronic ignition with dual output coil
Ignition timing		Electronically controlled, not adjustable
Spark plug	Quantity	3
	Make and type	NGK MR7BI-8 (iridium) or equivalent
	Gap (not adjustable)	0.7 mm to 0.8 mm (.028 in to .031 in)
Engine RPM limiter setting	Forward	8100 RPM with engaged drivetrain
		7500 RPM with open clutch or on neutral
Battery	Type	Maintenance free
	Voltage	12 volts
	Nominal rating	21 A•h
	Recommended charging rate	2 A
Headlight Hi/Low		LED
Taillight/brake light		LED

ELECTRICAL SYSTEM	
Turn signal lights	LED
Position lights	LED
License plate light	5 W
Backup light	2 x 21 W
Fuses	Refer to *HOW TO REPLACE FUSES AND LIGHTS*

FUEL SYSTEM		
Fuel delivery		Multi-point Electronic Fuel Injection (EFI) with ETC (Electronic Throttle Control). Single throttle body (54 mm) with an actuator
Fuel pump		Electrical module in fuel tank
Idle speed		900 RPM (electronically controlled, not adjustable)
Fuel	Type	Premium unleaded gasoline
	Minimum octane	87 Pump Posted AKI (RON+MON)/2
		92 RON
	Recommended octane	91 Pump Posted AKI (RON+MON)/2
		95 RON
Fuel tank capacity		26.5 l (7 U.S. gal.)

DRIVE SYSTEM	
Final drive type	Carbon reinforced drive belt
Final drive ratio	28/79

STEERING	
Type	Dynamic Power Steering (DPS)

FRONT SUSPENSION		
Suspension type		Double suspension arms with stabilizer bar
Suspension travel		174 mm (6.9 in)
Shock absorber	Qty	2

FRONT SUSPENSION		
Shock absorber	Type	Oil damper
Spring preload adjustment		Not adjustable

REAR SUSPENSION		
Suspension type	Base	Swing arm with mono shock with a manually adjustable pneumatic preload
	Limited	Swing arm with mono shock. Air Controlled Suspension (ACS). Compressor-controlled
Suspension travel		152 mm (6 in)
Shock absorber	Qty	1
	Type	Oil damper
Preload adjustment (Base models)		Adjustable air pressure:135 kPA to 625 kPA (20 PSI to 90 PSI)
Preload adjustment (ACS with automatic adjustment)		Air controlled suspension with automatic self leveling adjustment Swing arm with monoshock

BRAKES		
Type	Front	270 mm (11 in) rigid discs, radially mounted Brembo monobloc calipers 4-piston, 2-pad
	Rear	270 mm (11 in) disc, 1-piston floating caliper with integrated parking brake
Front brake		Dual rigid discs 270 mm (10.6 in), radially mounted Brembo monobloc, with 4 piston calipers, 2-pad
Rear brake		Single disc 270 mm (10.6 in) with 1 piston floating caliper with integrated parking brake
Brake fluid	Capacity	480 ml (16.2 fl oz (US))
	Type	DOT 4
Parking brake		Mechanical, electrically actuated to the rear caliper
Minimum brake pad thickness		1 mm (.04 in)

BRAKES	
Minimum brake disc thickness	6.4 mm (.25 in)
Maximum brake disc warpage	0.1 mm (.004 in)

TIRES		
Type (use only radial tires recommended by BRP)	Front	KR31 MC 165/55R15
	Rear	KR21 MC 225/50R15
Pressure	Front	Nominal: 138 kPA (20 PSI) Min.: 124 kPA (18 PSI) Max.: 152 kPA (22 PSI)
	Rear	Nominal: 193 kPA (28 PSI) Min.:179 kPA (26 PSI) Max.:207 kPA (30 PSI) **NOTE:**The pressure difference between the left and right side tire should not exceed 3.4 kPA (.5 PSI) .
Minimum tire tread depth	Front	2.5 mm (3/32 in)
	Rear	4 mm (5/32 in)

WHEELS		
Size (diameter X width)	Front	381 mm (15 in) x 127 mm (5 in)
	Rear	381 mm (15 in) x 178 mm (7 in)
Front wheel nuts torque		105 to 113 Nm (77 to 83 lbf-ft)
Rear drive axle nut torque		210 to 240 Nm (155 to 177 lbf-ft)

DIMENSIONS	
Overall length	2833 mm (111.5 in)
Overall width	1554 mm (61.2 in)
Overall height	1464 mm (57.6 in)
Seat (top) height	756 mm (29.75 in)
Wheelbase	1 714 mm (67.5 in)
Front wheel track	1 384 mm (54.5 in)
Ground clearance, front and under engine	115 mm (4.5 in)

WEIGHT AND LOADING CAPACITY		
Dry weight		449 kg (987 lb)
Front storage compartment	Capacity	58 l (15.3 U.S. gal.)
	Maximum load	16 kg (35 lb)
Glove box	Capacity	2 l (.5 U.S. gal.)
Side storage compartment	Capacity	52 l (13.7 U.S. gal.)
	Maximum load	7 kg (15 lb)
Rear storage compartment	Capacity	43 l (11.4 U.S. gal.)
	Maximum load	9 kg (20 lb)
Total vehicle load allowed (including operator, passenger, cargo and added accessories)		252 kg (556 lb)
Gross vehicle weight rating (GVWR)		750 kg (1,653.5 lb)
Maximum weight on trailer tongue		18 kg (40 lb)
Maximum towed weight (trailer and cargo)		182 kg (400 lb)

Because of our ongoing commitment to product quality and innovation, BRP reserves the right, at any time, to make changes in design and specifications and/or to make additions to, or improvements in its products without imposing any obligation upon itself to install them on its previously manufactured products.

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WARRANTY

BRP LIMITED WARRANTY — USA AND CANADA: 2020 Can-Am ® SPYDER® SERIES

1. SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Products Inc. (“BRP”)* warrants its 2020 Can-Am Spyder (the "Product") sold by authorized Can-Am On-Road Dealers ("Dealers") in the United States of America and in Canada from defects in material or workmanship for the period and under the conditions described below. This limited warranty will become null and void if: (1) the Product was used for racing or any other competitive activity, at any point, even by a previous owner; (2) the odometer was removed or has been tampered with; (3) the Product was used off-road; or (4) the Product has been altered or modified in such a way so as to adversely affect its operation, performance or durability, or has been altered or modified to change its intended use.

Non-factory installed parts and accessories are not covered under this limited warranty. Please refer to the applicable parts and accessories limited warranty text.

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

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 Dealer nor any other person has been authorized to make any affirmation, representation or warranty regarding the Product, other than those contained in this limited warranty, and if made, shall not be enforceable against BRP. BRP reserves the right to modify this limited warranty at any time, being understood that such modification will not alter the warranty conditions applicable to the Product sold while this limited warranty is in effect.

3. EXCLUSIONS — ARE NOT WARRANTED

The following are not warranted under any circumstances:

- Replacement of routine maintenance items such as, without limitation, oil, lubricants, fluids, filters and spark plugs.

- Normal wear and tear, such as, without limitation, wear and tear of the tires, battery, generator brushes, sealed beams and light bulbs, clutch plates and facings, drive belt, brake pads, brake linings and rotors and sprockets.
- Tune ups and adjustments including without limitation adjustments of belt, alignment and wheel balance.
- Damages related to the appearance of the Product, including without limitation scratches, dents, fading, flaking, peeling and damages to seat cover material.
- Damage caused by failure to provide proper maintenance or storage, as described in the *OPERATOR'S GUIDE*.
- Damage resulting from removal of parts, improper repairs, improper service or improper maintenance, modifications, alterations that are outside of the original specifications of the Product, or damage resulting from repairs done by a person that is not an authorized servicing Dealer.
- Damage resulting from the installation of parts with specifications that differ from the original Product parts, such as, without limitation, different tires, exhaust system, wheels or brakes.
- Damage resulting from abuse, abnormal use, neglect or operation of the Product in a manner inconsistent with the recommendations of the *OPERATOR'S GUIDE*.
- Damage resulting from water ingestion, accident, road hazards, submersion, fire, theft, vandalism or any act of God.
- Damage resulting from operation with fuels, oils or fluids with specifications different than as recommended in the *OPERATOR'S GUIDE*.
- Damage resulting from corrosion from road salts, battery acid, environmental influences or treatment contrary to the *OPERATOR'S GUIDE*.
- Incidental or consequential damages, including without limitation towing, storage, telephone, rental, taxi, inconvenience, insurance coverage, loan payments, loss of time or loss of income.

4. WARRANTY COVERAGE PERIOD

This limited warranty will be in effect from the date of delivery to the first retail consumer or the date the Product is first put into use, whichever occurs first and for the following periods:

1. For private, recreational use, **TWENTY FOUR (24) CONSECUTIVE MONTHS**, except for the items covered in points (2) to (5) below; and for commercial use **TWELVE (12) CONSECUTIVE MONTHS** , except for the items covered in points (2) to (5) below.
   - A Product is used commercially when it is used in connection with any work or employment that generates income during any part of the warranty period. A Product is also used commercially when, at any point during the warranty period, it is licensed for commercial use. This is a minimal war-

ranty period which can be extended by any applicable warranty promotional program, as the case may be.

2. For the battery, **SIX (6) CONSECUTIVE MONTHS**.
3. For the tires, **SIX (6) CONSECUTIVE MONTHS** or until tires are worn to the last three thirty-seconds of an inch (3/32 ") (2.38 millimeters) for the front tires and the last five thirty-seconds of an inch (5/32 ") (3.97 millimeters) for the rear tire, whichever occurs first.
4. For emission-related components; please also refer to the *US EPA EMISSIONS PERFORMANCE WARRANTY* contained herein.
5. For Products 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, please also refer to the applicable California Emissions Control Warranty Statement.

5. CONDITIONS TO HAVE WARRANTY COVERAGE

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

- The Product must be purchased as new and unused by its first owner from a Dealer authorized to distribute Products in the country in which the sale occurred.
- The BRP-specified pre-delivery inspection process must be completed, documented and signed by the purchaser.
- The Product must have undergone proper warranty registration by an authorized Dealer.
- The Product must be purchased in the country in which the purchaser resides.
- Routine maintenance must be performed as indicated in the *OPERATOR'S GUIDE*. BRP reserves the right to make warranty coverage contingent upon proof of proper maintenance.

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

6. WHAT TO DO TO OBTAIN WARRANTY COVERAGE

The customer must cease using the Product upon the appearance of an anomaly. The customer must notify a servicing 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 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 Product parts without charge for parts and labor, at any authorized Dealer during the warranty coverage period. 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 Product to the owner.

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

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

8. TRANSFER

If the ownership of a product is transferred during the warranty coverage period, this limited warranty, subject to its terms and conditions, shall also be transferred and be valid for the remaining coverage period provided BRP or an authorized Distributor/Dealer receives a proof that the former owner agreed to the transfer of ownership, in addition to the coordinates of the new owner.

9. CONSUMER ASSISTANCE

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

If the matter still remains unresolved, contact BRP by filling out the customer contact form at www.brp.com or contact BRP by mail at one of the addresses listed under the *CONTACT US* section of this guide.

US EPA EMISSIONS PERFORMANCE WARRANTY

BRP warrants that if:

1. The Product is maintained and operated in accordance with the written instructions for proper maintenance and use, and
2. The Product fails to conform at any time during its useful life to the applicable emission standards or family emission limits as determined by an EPA-approved emission test, and
3. Such nonconformity results or will result in the Product owner having to bear any penalty or other sanction (including the denial of the right to use the Product) under local, State or Federal law, then BRP shall remedy the nonconformity at no cost to the owner; except that, if the Product has been in operation for more than 5 years or 30,000 kilometers (18,641 miles). BRP shall be required to remedy only those nonconformities resulting from the failure of components which have been installed in or on the Product for the sole or primary purpose of reducing Product emissions and that were not in general use prior to model year 1968.

The warranty period begins on the date the Product is delivered to its ultimate purchase, or if the Product is first placed in service as a “demonstrator” or “company” motorcycle prior to delivery, on the date it is first placed first placed in service.

Items which are covered by the Emissions Performance Warranty for the full useful life of the Product:

- Fuel System and Air Admission Systems
  - Fuel Injectors, Fuel Pump Module, Fuel Filter Ass’y, Throttle Body (Including Throttle Position Sensor), Air Intake Manifold
- Ignition Components and Sensors
  - Engine Control Module (ECM), Engine Wiring Harness, Ignition Coils, Spark Plugs (covered only up to the first maintenance replacement), Noise Sensor (Knock Sensor), Camshaft Position Sensor, Crankshaft Position Sensor, Temperature Sensor (Coolant), Pressure And Temperature Sensor, Oxygen Sensors
- Exhaust System
  - Primary Muffler (Containing Catalytic Converter), Exhaust Manifolds
  - Clamps, Gaskets and Seals (from Engine up to Primary Muffler)
- Crankcase Ventilation System
  - Crankcase Vent Breather, Crankcase Vent Hose, Oil Filler Cap
- Evaporative Emission Control System
  - Fuel Tank, Fuel Cap, Fuel Hose, Vapor Canister, Vapor Canister Mounting Bracket, Bleed Valve (Purge Valve), Check Valve, Filters, Evaporative Components Mounting Brackets

- Clamp, Seal, Gasket and Fitting (associated with fuel system assembly)

See maintenance information section in this operator's guide for proper maintenance. This operator's guide contains information for proper use of the Product.

Under the Emissions Performance Warranty, BRP shall be liable for the total cost of the remedy for any Product validly presented for repair to any authorized Can-Am On-Road dealer, unless for emergency repairs as required by item 2 of the following list. State or local limitations as to the extent of the penalty or sanction imposed upon an owner of a failed Product shall have no bearing on this liability.

In no case may BRP deny an emission performance warranty claim on the basis of:

1. Warranty work or predelivery service performed by any facility authorized by BRP to perform such work or service; or
2. Work performed in an emergency situation to rectify an unsafe condition, including an unsafe driveability condition, attributable to BRP, provided the Product owner has taken steps to put the Product back in a conforming condition in a timely manner; or
3. The use of any uncertified part or non-compliance with any written instruction for proper maintenance and use which is not relevant to the reason that the Product failed to comply with applicable emission standards; or
4. Any cause attributable to BRP; or
5. The use of any fuel which is commonly available in the geographical area in which the Product is located, unless the written instructions for proper maintenance and use specify that the use of that fuel would adversely affect the emission control devices and systems of the Product, and there is commonly available information for the owner to identify the proper fuel to be used. See maintenance information section and fuel requirements of fueling section.

Except as stated in the previous items; BRP may deny an emission performance warranty claim on the basis of an uncertified aftermarket part used in the maintenance or repair of a Product if the use of the uncertified part caused the Product's failure to meet emission standards. The use of parts not equivalent to the original parts or uncertified aftermarket parts may have a negative impact on the effectiveness of the emission control system and results in the Product's failure to meet emission standards. The use of certified parts does not affect the emission performance warranty. **Maintenance, replacement, or repair of the emission control devices and systems may be performed by any motorcycle repair establishment or individual using any certified part** .

As soon as you become aware of a defect; you are responsible for presenting your Product to an authorized Can-Am On-Road dealer. Authorized Can-Am On-Road dealer will proceed with the warranty claim.

In the case an authorized Can-Am On-Road dealer in unable (for reasons not attributable to the Product owner or events beyond the control of BRP or an authorized Can-Am On-Road dealer) to repair a Product within 30 days after the initial presentation of the Product to an authorized Can-Am On-Road dealer, then the owner shall be entitled to have the warranty remedy performed, at the expense of BRP, by any repair facility of the owner's choosing.

All defective parts replaced under this warranty become the property of BRP.

Contact the Director, Field Operations and Support Division (6406J), Environmental Protection Agency, 401 "M" Street, SW., Washington, DC 20460 (Attention: Warranty Claim) for further information concerning the Emissions Performance Warranty or to report a violations of the terms of the Emissions Performance Warranty.

BRP also warrants to the ultimate purchaser and each subsequent purchaser that this new Product, including all parts of its exhaust emission-control system and its evaporative emission-control system, meets two conditions:

- It is designed, built, and equipped so it conforms at the time of sale to the ultimate purchaser with the requirements of 40 CFR 86 and with the evaporative emission standards of 40 CFR 1051, as applicable to onroad motorcycles.
- It is free from defects in materials and workmanship that may keep it from meeting the requirements of 40 CFR 86 and with the evaporative emission standards of 40 CFR 1051, as applicable to onroad motorcycles.

Where a warrantable condition exists, BRP will repair or replace, as it elects, any part or component with a defect in materials or workmanship that would increase the engine's emissions of any regulated pollutant within the stated warranty period at no cost to the owner, including expenses related to diagnosing and repairing or replacing emission-related parts.

The emission-related warranty is valid for the following period whichever comes first:

- Exhaust and Evaporative emission-related components:
  - 30000 km (18641 mi) or 5 years.

US EPA FEDERAL NOISE EMISSION WARRANTY

BRP warrants to the ultimate purchaser and each subsequent purchaser that this new Product, at time of sale, was designed, built and equipped to meets all applicable US EPA Federal noise control standards and is free from defects in materials and workmanship that may keep it, when properly maintained and used, from meeting the requirements of all applicable US EPA Federal noise standards for the following period whichever comes first:

- 6000 km (3730 mi) or1 year.

CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT

YOUR WARRANTY RIGHTS AND OBLIGATIONS:

The California Air Resources Board and BRP US Inc. on behalf of Bombardier Recreational Products Inc., are pleased to explain the emission control system warranty on your 2020 Can-Am Spyder . In California, new motor vehicles must be designated, built and equipped to meet the State's stringent anti-smog standards. BRP must warrant the emission control system on your Product for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your Product.

Your emission control system may include parts such as the fuel-injection system, ignition system, catalytic converter and engine computer. Also included may be hoses, connectors and other emission-related assemblies. Where a warrantable condition exists, BRP will repair your Product at no cost to you including diagnosis, parts and labor.

MANUFACTURER'S WARRANTY COVERAGE

- For 5 years or 30000 km (18641 mi), whichever occurs first.

OWNER'S WARRANTY RESPONSIBILITIES:

As the Product's owner, you are responsible for the performance of the required maintenance listed in your *OPERATOR'S GUIDE*. BRP recommends that you retain all receipts covering maintenance on your Product, but BRP cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your Product to a Dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the Product's owner, you should also be aware that BRP may deny you warranty coverage if your Product or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities, you should contact BRP's customer assistance center at 1-888-272-9222 or the California Air Resource Board at 9528 Telstar Avenue, El Monte, CA 91731.

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BRP LIMITED WARRANTY OUTSIDE USA AND CANADA: 2019 Can-Am ® SPYDER® SERIES

1. SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Products Inc. (“BRP”)* warrants its 2020 Can-Am Spyder (the "Products") sold by authorized Can-Am On-Road distributors or dealers located in the EEA (the "EEA" or "European Economic Area" shall mean the countries member of the European Union plus Norway, Iceland and Liechtenstein) or elsewhere, except in the USA and Canada** (the "Distributors/Dealers") from defects in material or workmanship for the period and under the conditions described below. This limited warranty will become null and void if: (1) the Product was used for racing or any other competitive activity, at any point, even by a previous owner; or (2) the odometer was removed or has been tampered with; (3) the Product was used off-road; or (4) the Product has been altered or modified in such a way so as to adversely affect its operation, performance or durability, or has been altered or modified to change its intended use.

Non-factory installed parts and accessories are not covered under this limited warranty. Please refer to the applicable parts and accessories limited warranty text.

* In the European Economic Area and elsewhere, Products are distributed and serviced by BRP European Distribution S.A. and other subsidiaries of BRP.

** The BRP limited warranty offered on Products sold in the USA and Canada is different than the one offered in the EEA and elsewhere.

2. LIMITATIONS OF LIABILITY

JURISDICTIONS TO THE EXTENT PERMITTED BY LAW. THIS WARRANTY IS EXPRESSLY GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTY. ALL INCIDENTAL, CONSEQUENTIAL, DIRECT, INDIRECT OR OTHER DAMAGES OF ANY KIND ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY. SOME JURISDICTIONS DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR OTHER EXCLUSIONS IDENTIFIED ABOVE. AS A RESULT, THEY MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH MAY VARY FROM COUNTRY TO COUNTRY, OR JURISDICTION TO JURISDICTION. (FOR PRODUCTS PURCHASED IN AUSTRALIA SEE CLAUSE 4 BELOW).

Neither the authorized Distributors/Dealers 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 this limited policy under any circumstances:

- Replacement of routine maintenance items such as, without limitation, oil and lubricants, filters and spark plugs.
- Normal wear and tear, such as, without limitation, wear and tear of the tires, battery, generator brushes, sealed beams and light bulbs, clutch plates and facings, drive belt, brake pads, brake linings and rotors and sprockets.
- Tune ups and adjustments including without limitation adjustments of belt, alignment and wheel balance.
- Damages related to the appearance of the Product, including without limitation scratches, dents, fading, flaking, peeling and damages to seat cover material.
- Damage caused by negligence or failure to provide proper maintenance and/or storage, as described in the *OPERATOR'S GUIDE*.
- Damage resulting from removal of parts, improper repairs, improper service or improper maintenance, modifications, alterations that are outside of the original specifications of the Product, or damage resulting from use of parts or accessories not manufactured or approved by BRP which in its reasonable judgement are either incompatible with the product or adversely affect its operation, performance or durability or resulting from repairs done by a person that is not an authorized servicing Distributor/Dealer.
- Damage resulting from the installation of parts with specifications that differ from the original Product parts, such as, without limitation, different tires, exhaust system, wheels or brakes.
- Damage resulting from abuse, abnormal use, neglect, racing or operation of the Product in a manner inconsistent with the recommendations of the *OPERATOR'S GUIDE*.
- Damage resulting from water ingestion, accident, road hazards, submersion, fire, theft, vandalism or any act of God.
- Damage resulting from operation with fuels, oils or lubricants with specifications different than as recommended in the *OPERATOR'S GUIDE*.
- Damage resulting from corrosion from road salts, battery acid, environmental influences or treatment contrary to the *OPERATOR'S GUIDE*.
- Incidental or consequential damages, including without limitation, expense for gasoline, expense for transporting the Product to and from the authorized Distributor/Dealer, mechanic's travel time, trailering or towing, storage, telephone, cell phone, fax or telegram charges, rental of a like or replacement Product during warranty services or down time, taxi, travel, lodging, loss of or damage to personal property, inconvenience, cost of insurance coverage,

loan payments, loss of time, loss of income, revenue or profits, or loss of enjoyment or use of Product.

4. WARRANTY COVERAGE PERIOD

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

- For private, recreational use,**TWENTY-FOUR (24) CONSECUTIVE MONTHS**, except for the items covered in points (2) and 3) below; and for commercial use**TWELVE (12) CONSECUTIVE MONTHS** , except for the items covered in points (2) and (3) below.
  - The Product is used commercially when it is used in connection with any work or employment that generates income, during any part of the warranty period. The Product is also used commercially when, at any point during the warranty period, it is licensed for commercial use;
- For the battery,**SIX (6) CONSECUTIVE MONTHS**;
- For the tires,**SIX (6) CONSECUTIVE MONTHS**or until tires are worn to the last three thirty-second of an inch (3/32 ") (2.38 millimeters) for the front tires and the last five thirty-second of an inch (5/32 ") (3.97 millimeters) for the rear tire, whichever occurs first.

The repair or replacement of parts or the performance of service under this warranty does not extend the life of this warranty beyond its original expiration date.

Note that the duration and any other modalities of the warranty coverage are subject to the applicable national or local legislation in the customer's country.

FOR PRODUCTS SOLD IN AUSTRALIA ONLY

Nothing in these Warranty terms and conditions should be taken to exclude, restrict or modify the application of any condition, warranty, guarantee, right or remedy conferred or implied under the Competition and Consumer Act 2010 (Cth), including the Australian Consumer Law or any other law, where to do so would contravene that law, or cause any part of these terms and conditions to be void. The benefits given to you under this limited warranty are in addition to other rights and remedies that you have under Australian law.

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

5. CONDITIONS TO HAVE WARRANTY COVERAGE

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

- The Product must be purchased as new and unused by its first owner from a Distributor/Dealer authorized to distribute the Product in the country or union of countries in which the sale occurred;
- The BRP specified pre-delivery inspection process has been completed and documented by the purchaser and the authorized Distributor/Dealer and signed by the purchaser;
- The Product must have undergone proper warranty registration by an authorized Distributor/Dealer;
- The Product must be purchased in the country or union of countries in which the purchaser resides.
- Routine maintenance as outlined in the *OPERATOR'S GUIDE* must be performed in a timely manner. BRP reserves the right to make warranty coverage contingent upon proof of proper maintenance.

6. WHAT TO DO TO OBTAIN WARRANTY COVERAGE

The customer must cease using the Product upon the appearance of an anomaly. The customer must notify an authorized servicing Distributor/Dealer within two (2) months of the appearance of a defect, and provide it with reasonable access to the Product and reasonable opportunity to repair it. The customer must also present to the authorized Distributor/Dealer, proof of purchase of the Product and must sign the repair/work order prior to starting the repair in order to validate the warranty repair. All parts replaced under this limited warranty become the property of BRP. Note that the notification period is subject to the applicable national or local legislation in customer's country.

7. WHAT BRP WILL DO

To the extent permitted by law, BRP's obligations under this warranty are limited to, at its sole discretion, repairing parts found defective under normal use, maintenance and service, or replacing such parts with new genuine Product parts without charge for parts and labour, at any authorized Distributor/Dealer during the warranty coverage period under the conditions described herein. BRP's responsibility is limited to making the required repairs or replacements of parts. No claim of breach of warranty shall be cause for cancellation or rescission of the sale of the Product to the owner. You may have other legal rights which may vary from country to country.

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

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

8. TRANSFER

If the ownership of a Product is transferred during the warranty coverage period, this limited warranty, subject to its terms and conditions, shall also be transferred and be valid for the remaining coverage period provided BRP or an authorized Distributor/Dealer receives a proof that the former owner agreed to the transfer of ownership, in addition to the coordinates of the new owner.

9. CONSUMER ASSISTANCE

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

If the matter still remains unresolved, contact BRP by filling out the customer contact form at www.brp.com or contact BRP by mail at one of the addresses listed under the *CONTACT US* section of this guide.

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ADDITIONAL TERMS AND CONDITIONS FOR FRANCE ONLY

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

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

1. Be fit for normal use for goods similar thereto and, if applicable:
   1.1 Correspond to the description provided by the seller and have the qualities presented to the buyer though sample or model;
   1.2 Have the qualities that a buyer may legitimately expect considering the public declarations of the seller, the manufacturer of its representative, including in advertising or labeling; or

2. Have the characteristics mutually agreed upon as between the parties or be fit for the specific use intended by the buyer and brought to the attention of the seller and which accepted.

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

CUSTOMER INFORMATION

PRIVACY INFORMATION

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

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

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

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

CONTACT US

Web Site

www.brp.com

Asia

- 21F Shinagawa East One Tower
  2-16-1 Konan
  Minato-ku
  Tokyo 108-0075
  Japan
- Flat B, 8/F 56-60 Wong Chuk Hang Rd
  Aberdeen, Hong Kong
- Room 4609, Tower 2,
  Grand Gateway 3 Hong Qiao Road
  Shanghai, China 200020

Europe

- Skaldenstraat 125
  B-9042 Gent
  Belgium
- Itterpark 11
  D-40724 Hilden
  Germany
- ARTEPARC Bâtiment B
  Route de la côte d'Azur, Le Canet
  13590 Meyreuil
  France
- Ingvald Ystgaardsvei 15
  N-7484 Trondeim
  Norway
- Isoaavantie 7
  PL 8040
  96101 Rovaniemi
- Spinnvägen 15
  90361 Umeå
  Sweden
- Avenue d'Ouchy 4-6
  1006 Lausanne
  Switzerland

North America

- 565 de la Montagne Street
  Valcourt (Québec) J0E 2L0
  Canada
- 10101 Science Drive
  Sturtevant, Wisconsin
  53177
  U.S.A.
- Sa De Cv, Av. Ferrocarril 202
  Parque Ind. Querétaro, Lote2-B
  76220
  Santa Rosa Jáuregui, Qro., Mexico

Oceania

- 6 Lord Street
  Lakes Business Park
  Botany, NSW 2019
  Australia
- 13B Echelon Place
  East Tamaki
  New Zealand, 2013

South America

- Rua James Clerck Maxwell, 230
  TechnoPark Campinas SP 13069-380 Brazil

CHANGE OF ADDRESS/OWNERSHIP

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

- Notifying an authorized Can-Am ON-Road dealer.
- **North America Only:** calling at 1-888-272-9222;
- Mailing one of the change of address cards on the following pages at one of the BRP addresses indicated in the *CONTACT US* section of this guide.

In case of change of ownership, please join a proof that the former owner agreed to the transfer.

Notifying BRP, even after the expiration of the limited warranty, is very important as it enables BRP to reach the Product owner if necessary, like when safety recalls are initiated. It is the owner's responsibility to notify BRP.

STOLEN UNITS: If your personal product is stolen, you should notify BRP or an authorized Can-Am On-Road dealer. We will ask you to provide your name, address, phone number, the vehicle identification number and the date it was stolen.

CHANGE OF ADDRESS ❑ CHANGE OF OWNERSHIP ❑

VEHICLE IDENTIFICATION NUMBER

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

OLD ADDRESS OR PREVIOUS OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

NEW ADDRESS OR NEW OWNER:

NAME

NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

E-MAIL ADDRESS

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

EN-V00A2F-DEC

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CHANGE OF ADDRESS ❑ CHANGE OF OWNERSHIP ❑

VEHICLE IDENTIFICATION NUMBER

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

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COUNTRY TELEPHONE

NEW ADDRESS OR NEW OWNER:

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NO. STREET APT

CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

E-MAIL ADDRESS

V00A2F

CHANGE OF ADDRESS ❑ CHANGE OF OWNERSHIP ❑

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CITY STATE/PROVINCE ZIP/POSTAL CODE

COUNTRY TELEPHONE

E-MAIL ADDRESS

V00A2F

EN-V00A2F-DEC

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⚠ WARNING

This Can-Am On-road product is a different type of vehicle. It requires special skills and knowledge. Learn how this product is different.

BEFORE YOU OPERATE THIS VEHICLE, READ THIS OPERATOR'S GUIDE, ALL ON-PRODUCT SAFETY LABELS AND WATCH THE SAFETY VIDEO.

COMPLETE a training course (if available), practice, become proficient with the controls, and get a proper license.

REFER to the Safety Card before riding.

ALWAYS WEAR A HELMET AND RIDING GEAR.
With this type of vehicle, riders are exposed to more road risks than in a car. Even skilled operators can be struck by other vehicles or lose control. This vehicle wil not protect you in a crash.

HANDLING LIMITS AND ROAD CONDITIONS.
The Vehicle Stability System (VSS) cannot stop you from losing control, flipping over, or falling off if you exceed this vehicle's limits. Know the limits for different road conditions. Do not ride on ice, snow, or off road. Avoid puddles and running water. This type of vehicle can hydroplane on water and slip on gravel, dirt and sand covered roads. If you must go through these road conditions, slow down.

BRP

ski-doo LYNX SEA-DOO EVINRUDE ROTAX can-am

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OPERATOR'S GUIDE SPYDER RT / ENGLISH
GUIDE DU CONDUCTEUR SPYDER RT / ANGLAIS

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