

can-am



2018 ROADSTER OPERATOR'S GUIDE

Includes Safety, Vehicle
and Maintenance
Information

SPYDER RT

⚠ WARNING

The Spyder roadster is a different type of vehicle - it requires special skills and knowledge. Learn how the Spyder roadster 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), **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 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.

219 001 827

OPERATOR'S GUIDE: SPYDER RT / ENGLISH
GUIDE DU CONDUCTEUR, SPYDER RT / ANGLAIS

FAIT AU / MADE IN CANADA

U/M.P.C.

®™ AND THE BRP LOGO ARE TRADEMARKS OF BOMBARDIER RECREATIONAL PRODUCTS INC. OR ITS AFFILIATES.
©2017 BOMBARDIER RECREATIONAL PRODUCTS INC. ALL RIGHTS RESERVED. PRINTED IN CANADA.

SPYDER® RT™

⚠ WARNING

Learn how the Spyder roadster 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), practice 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 1 8 2 7

Original Instructions

CALIFORNIA PROPOSITION 65 WARNING

⚠ 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.



In Canada, products are distributed by Bombardier Recreational Products Inc.
In USA, products are distributed by BRP US Inc.
This is a non-exhaustive list of trademarks that are the property of Bombardier Recreational Products Inc. or its affiliates:

Can-Am®	Rotax®	Spyder®	XPS™
RT™	BRP Connect™		



iPhone, iPod, iPod nano and iPod touch are trademarks of Apple Inc. registered in U.S.A. and other countries.

“Made for iPod” and “Made for iPhone” mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance. Apple App Store is a service mark of Apple Inc.

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc.

Google Play Store is a registered trademark of Google Inc.

FOR APPROVAL ONLY

! 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.



In Canada, products are distributed by Bombardier Recreational Products Inc.

In USA, products are distributed by BRP US Inc.

This is a non-exhaustive list of trademarks that are the property of Bombardier Recreational Products Inc. or its affiliates:

Can-Am®

Rotax®

Spyder®

XPST™

RT™

BRP Connect™



iPhone, iPod, iPod nano and iPod touch are trademarks of Apple Inc. registered in U.S.A. and other countries.

“Made for iPod” and “Made for iPhone” mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance. Apple App Store is a service mark of Apple Inc.

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc.

Google Play Store is a registered trademark of Google Inc.

FOR APPROVAL ONLY

FOREWORD

FOR APPROVAL ONLY

Deutsch	Dieses Handbuch ist möglicherweise in Ihrer Landessprache verfügbar. Bitte wenden Sie sich an Ihren Händler oder besuchen Sie: www.operatorsguides.brp.com
English	This guide may be available in your language. Check with your dealer or go to: www.operatorsguides.brp.com
Español	Es posible que este manual esté disponible en su idioma. Consulte a su distribuidor o visite: www.operatorsguides.brp.com
Français	Ce guide peut être disponible dans votre langue. Vérifier avec votre concessionnaire ou aller à: www.operatorsguides.brp.com
中文	本手册可能有您的语种的翻译版本。请向经销商询问，或者登录 www.operatorsguides.brp.com 查询。
日本語	このガイドは、言語によって翻訳版が用意されています。ディーラーに問い合わせるか、次のアドレスでご確認ください： www.operatorsguides.brp.com
Nederlands	Deze handleiding kan beschikbaar zijn in uw taal. Vraag het aan uw dealer of ga naar: www.operatorsguides.brp.com
Norsk	Denne boken kan finnes tilgjengelig på ditt eget språk. Kontakt din forhandler eller gå til: www.operatorsguides.brp.com
Português	Este manual pode estar disponível em seu idioma. Fale com sua concessionária ou visite o site: www.operatorsguides.brp.com
Suomi	Käyttöohjekirja voi olla saatavissa omalla kielelläsi. Tarkista jälleenmyyjältä tai käy osoitteessa: www.operatorsguides.brp.com
Svenska	Denna bok kan finnas tillgänglig på ditt språk. Kontakta din återförsäljare eller gå till: www.operatorsguides.brp.com

Congratulations on your purchase of a new Can-Am® Spyder® Roadster. It is backed by the Bombardier Recreational Products Inc. (BRP) warranty and a 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 perform the initial set-up and inspection of your roadster before you took possession.

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

Know Before you Go

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

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

Experienced motorcyclists should pay special attention to the *WHAT'S DIFFERENT ABOUT THE SPYDER ROADSTER* 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 front storage compartment 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 informations 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 prod-

ucts 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 and watch the video located at: <https://can-am.brp.com/spyder/owners/safety/safety-information.html>



If possible, take a training course that is specifically designed for the Spyder roadster. Check our website at www.can-am.brp.com for more information about upcoming training course availability. If you cannot take a training course specifically designed for the Spyder roadster, it is a good idea to take a motorcycle training course, since some of the skills required are similar and information about managing risk on the road is taught and similarly applies to riding your Spyder roadster.

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.

FOR APPROVAL ONLY

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.

FOR APPROVAL ONLY

TABLE OF CONTENTS

FOREWORD	1
Know Before you Go	1
Safety Messages	2
About this Operator's Guide	2
Refer to Other Sources of Information	2
Acknowledgment	2
GENERAL PRECAUTIONS	9
Avoid Carbon Monoxide Poisoning	9
Avoid Gasoline Fires and Other Hazards	9
Avoid Burns from Hot Parts	9
Accessories and Modifications	9
 VEHICLE INFORMATION	
PRIMARY CONTROLS	12
1) Handlebar	13
2) Throttle	13
3) Clutch Lever (SM6 Model)	14
4) Gearshift Lever (SM6 Model)	14
5) Gearshift Selector (SE6 Model)	15
6) Brake Pedal	15
7) Parking Brake Button	16
SECONDARY CONTROLS	18
1) Ignition Switch	19
2) Engine Start Button	19
3) Engine Stop Switch	20
4) Hazard Warning Switch	20
5) Cruise Control Switch	20
6) Headlight Switch	22
7) Turn Signal Button	23
8) Horn Button	24
9) Windshield Adjustment Button	24
10) RECC (Roadster Electronic Command Center)	24
11) Reverse Button	25
12) BRP Connect Button	25
13) Switch Cluster	26
PASSENGER CONTROLS	28
Passenger Heated Grip Switch	28
Passenger Audio Controls	28
MULTIFUNCTION GAUGE	30
Basic Functions	30
Settings	31
Menu	32
EQUIPMENT	34
Mirrors	34

FOR APPROVAL ONLY

EQUIPMENT (cont'd)	
Front Storage Compartment	35
Seat	35
Storage Compartments	36
Helmet	38
Tool Kit	38
Operator's Guide	38
Body Panels	39
BASIC PROCEDURES	44
Adjusting the Passenger Footrest	44
Starting and Stopping the Engine	44
Operating in Reverse	46
Operation During Break-In.....	46
Fueling	47
Adjusting Suspension.....	48
Using the Audio in Jack	49
 SAFE OPERATING INSTRUCTIONS	
WHAT'S DIFFERENT ABOUT THE SPYDER ROADSTER	52
Stability	52
Response to Road Conditions.....	52
Brake Pedal	52
Parking Brake.....	52
Steering	52
Width.....	53
Reverse	53
Driver's License and Local Laws.....	53
DRIVING AID TECHNOLOGIES	54
Vehicle Stability System (VSS)	54
Dynamic Power Steering (DPS).....	55
UNDERSTANDING RISK ON THE ROAD	56
Type of Vehicle	56
Operator Skills and Judgment.....	56
Rider Condition	56
Vehicle Condition.....	57
Road and Weather Conditions	57
RIDING GEAR	58
Helmets.....	58
Other Riding Gear	58
REQUIRED RIDING SKILLS AND PRACTICE EXERCISES	61
Choosing a Practice Area	61
Preparing to Ride	62
Riding Posture.....	62
Practice Exercises (SM6 Model)	62
Practice Exercises (SE6 Model).....	71

REQUIRED RIDING SKILLS AND PRACTICE EXERCISES (cont'd)	
Developing Advanced Riding Skills	78
STREET STRATEGIES	79
Plan your Trip	79
Defensive Riding	79
Being Visible	80
Lane Position	81
Common Riding Situations	82
Road Conditions and Hazards	84
On-Road Emergencies	85
Tire Failure	86
CARRYING A PASSENGER, CARGO OR TOWING A TRAILER	87
Weight Limits	87
Operating with Extra Weight	87
Carrying a Passenger	87
Where to Store Cargo	88
Towing a Trailer	89
KNOWLEDGE SELF-TEST	92
Questionnaire	92
Answers	94
SAFETY INFORMATION ON THE VEHICLE	95
Hang Tag	95
Safety Card	96
Safety Labels (All models except European models)	97
Safety Labels (European models)	101
REPORTING SAFETY DEFECTS	105

FOR APPROVAL ONLY

PRE-RIDE INSPECTION

PRE-RIDE CHECKLIST	108
Before Starting the Vehicle, Inspect the Following:	108
Turn Ignition Key to the ON Position:	109

MAINTENANCE

MAINTENANCE SCHEDULE	112
FIRST INSPECTION	115
MAINTENANCE PROCEDURES	116
Engine Oil	116
Air Filter	119
Engine Coolant	120
Radiator Fans	121
Clutch Fluid (SM6 Model)	122
Battery	123
Drive Belt	124

MAINTENANCE PROCEDURES (cont'd)

Wheels and Tires	126
Brakes.....	127
Headlights	128

VEHICLE CARE 133

Vehicle Cleaning.....	133
Vehicle Protection.....	133

STORAGE AND PRESEASON PREPARATION 134

Storage.....	134
Preseason Preparation	134

ROAD SIDE REPAIRS**DIAGNOSTIC GUIDELINES 136**

Will not Shift into First Gear (SM6 Model).....	136
Will not Shift into Neutral (SE6 Model)	136
Will not Shift (SE6 Model)	136
Engine Does Not Start	136

MESSAGES IN MULTIFUNCTION GAUGE 138**WHAT TO DO IN THE FOLLOWING CIRCUMSTANCES 140**

Lost Keys	140
Cannot Open the Side Storage Compartment.....	140
Flat Tire.....	140
Dead Battery.....	141

HOW TO REPLACE FUSES AND LIGHTS 142

Fuses.....	142
Lights.....	144

TRANSPORTING THE VEHICLE 152**TECHNICAL INFORMATION****VEHICLE IDENTIFICATION 156**

Vehicle Identification Number.....	156
Engine Identification Number	156
EPA Compliance Label.....	157

NOISE EMISSION CONTROL SYSTEM REGULATION 158**RADIO FREQUENCY DIGITALLY ENCODED SECURITY SYSTEM (RF D.E.S.S. KEY) 159****RADIO FREQUENCY MULTIFUNCTION GAUGE..... 160****SPECIFICATIONS 161**

WARRANTY

BRP LIMITED WARRANTY — USA AND CANADA: 2018 Can-Am® SPYDER® ROADSTER 168

BRP LIMITED WARRANTY OUTSIDE USA AND CANADA: 2018 Can-Am® SPYDER® ROADSTER..... 176

CUSTOMER INFORMATION

PRIVACY INFORMATION 182

CONTACT US..... 183

 North America 183

 Europe 183

 Oceania 183

 South America..... 183

 Asia..... 183

CHANGE OF ADDRESS/OWNERSHIP..... 184

FOR APPROVAL ONLY

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 the front storage compartment 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, and engine become hot during operation. Avoid contact during and shortly after operation to avoid burns.

Accessories and Modifications

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

Unlike most motorcycles, the Spyder roadster 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 roadster dealer for available accessories for your vehicle.

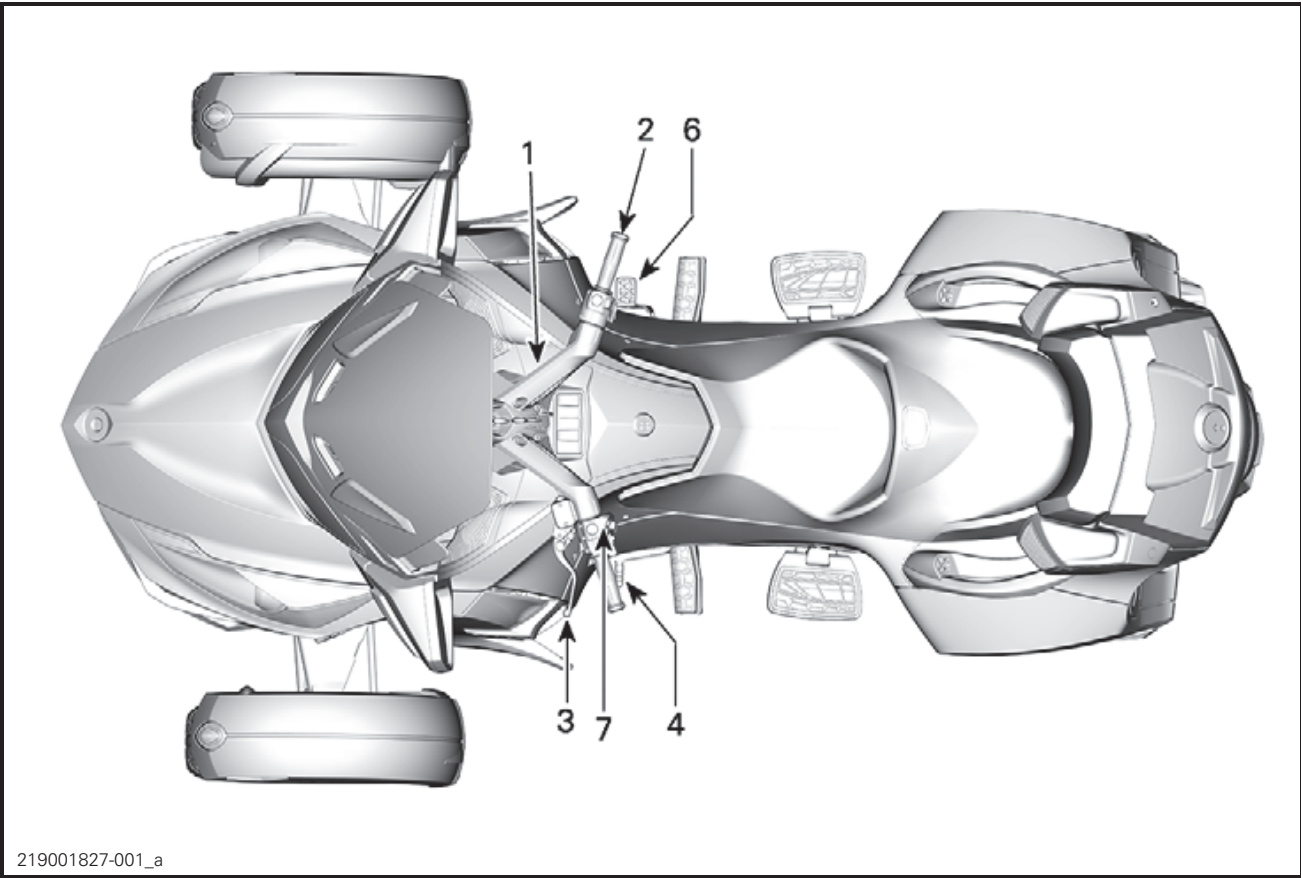
FOR APPROVAL ONLY

FOR APPROVAL ONLY

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.

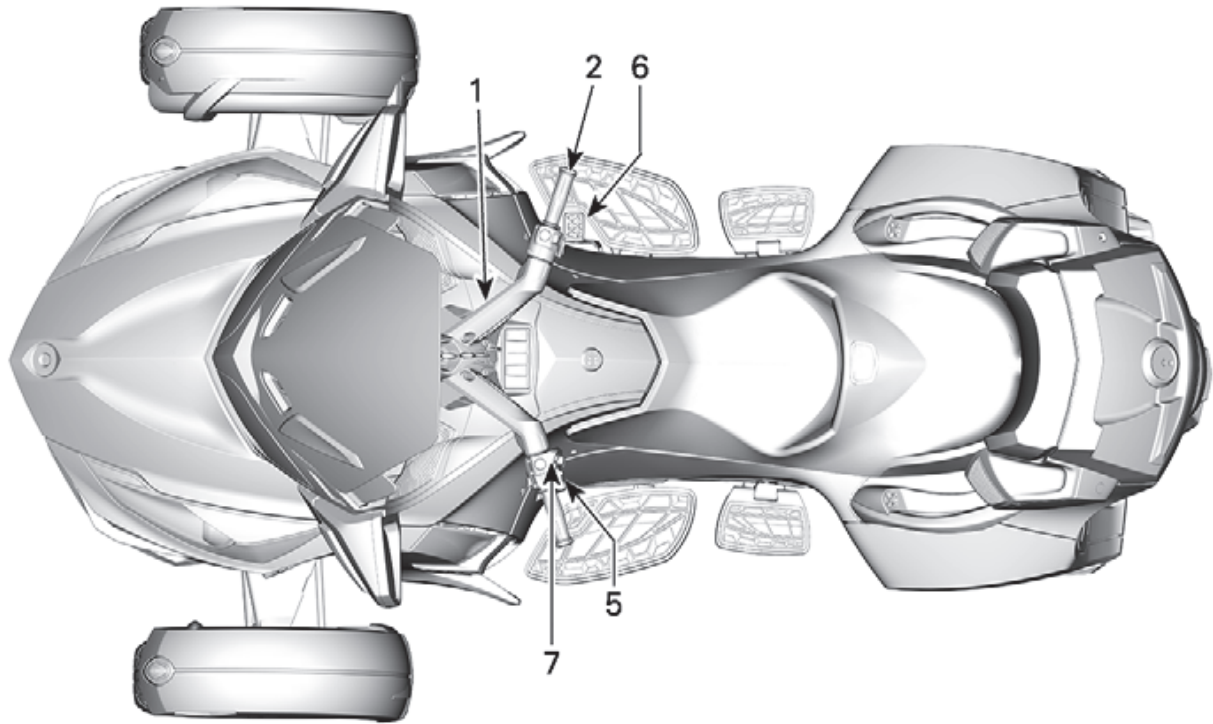


TYPICAL — SM6 MODEL

1	Handlebar
2	Throttle
3	Clutch Lever
4	Gearshift Lever
6	Brake Pedal
7	Parking Brake Button

FOR APPROVAL ONLY

FOR APPROVAL ONLY



219001827-002_a

TYPICAL — SE6 MODEL

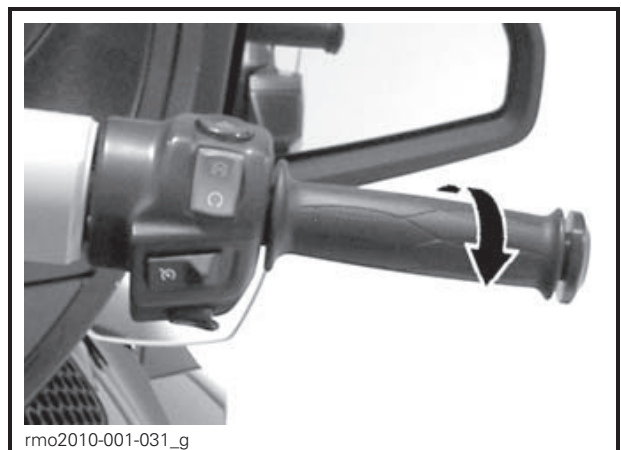
1	Handlebar
2	Throttle
5	Gearshift Selector
6	Brake Pedal
7	Parking Brake Button

1) Handlebar

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

2) Throttle

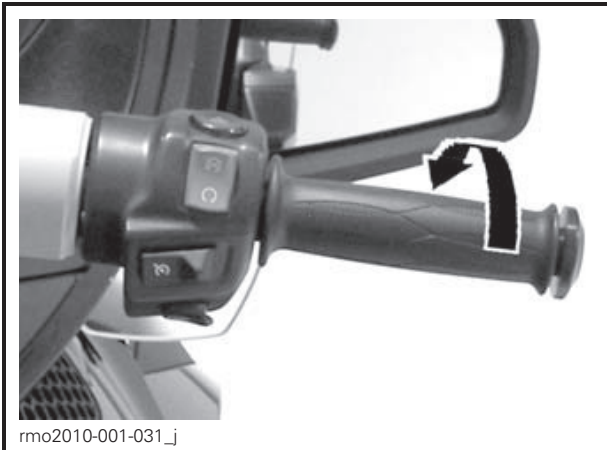
The throttle is the right handgrip, and it controls engine speed. To increase engine speed, roll the throttle as shown (lower your wrist).



rmo2010-001-031_g

TO INCREASE SPEED

To decrease engine speed, roll the throttle as shown (raise your wrist).



TO DECREASE SPEED

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

NOTE: This vehicle is equipped with an ETC (Electronic Throttle Control). 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 VSS (Vehicle Stability System) 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.

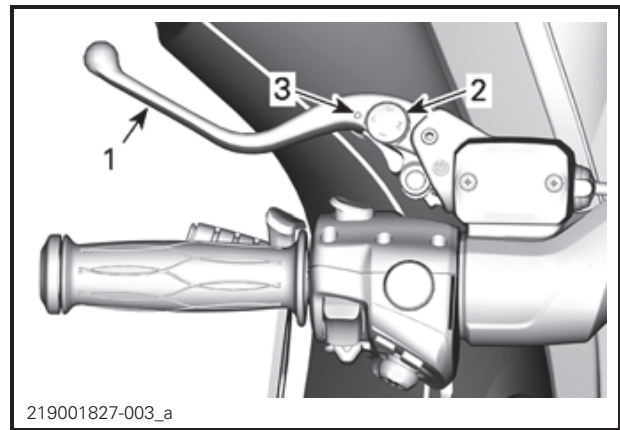
3) Clutch Lever (SM6 Model)

The clutch lever is in front of the left handgrip. The clutch controls the transmission of power from the engine to the rear wheel. The lever is squeezed in to disengage power and eased out to engage power.

Clutch Lever Position Adjustment

The distance between the clutch lever and handgrip can be adjusted from position 1 (greatest distance) to position 4 (smallest distance).

1. Push the clutch lever forward to release the adjuster dial. Hold in position.
2. Turn the adjuster dial to the desired position aligning the dial number with the dot on the lever.
3. Release the clutch lever.



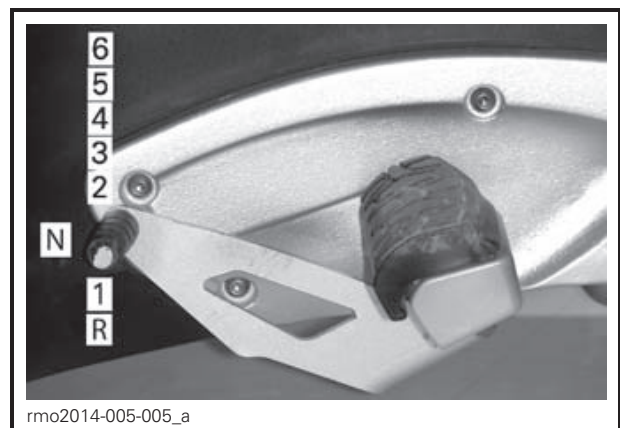
CLUTCH LEVER ADJUSTMENT

1. Clutch lever
2. Adjuster dial
3. Dot

4) Gearshift Lever (SM6 Model)

The gearshift lever is in front of the left footrest.

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



TYPICAL

FOR APPROVAL ONLY

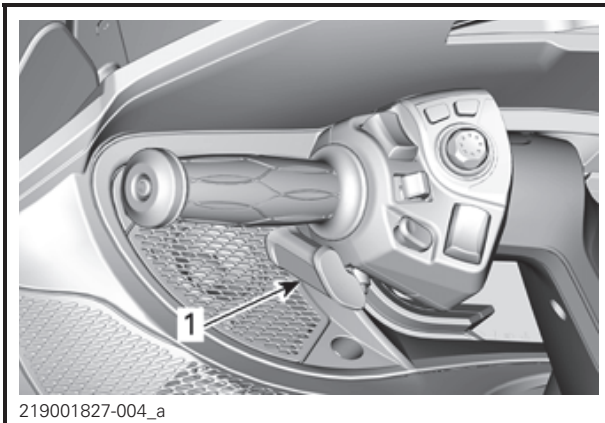
Lift or press fully to move sequentially from one gear to the next. When the lever is released, it returns to center where the mechanism resets for the next shift UP or DOWN. Neutral (N) is selected by either a half lift from first gear or a half press from second gear.

NOTE: To shift from neutral to first gear, press the brake and shift up.

To shift into reverse, refer to *OPERATING IN REVERSE* in *BASIC PROCEDURES* for detailed instructions.

5) Gearshift Selector (SE6 Model)

The gearshift selector is below the left handgrip.

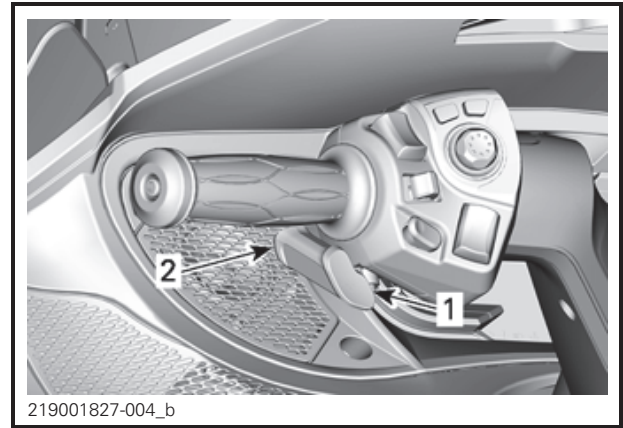


TYPICAL

1. Gearshift selector

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

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



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.

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

NOTE: 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.

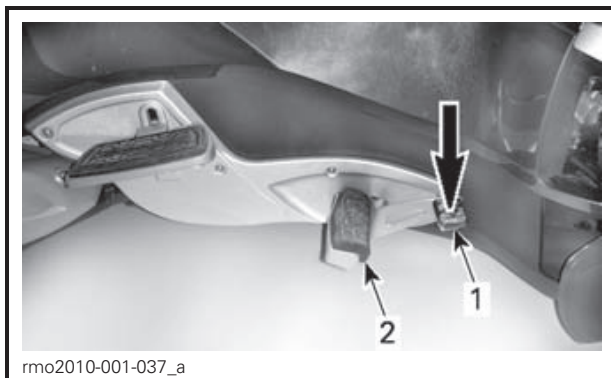
If the engine is started with gearbox in gear, it will automatically shift to neutral position.

6) Brake Pedal

The brake pedal is in front of the right footrest. Press it down to operate. This pedal brakes all three wheels.

FOR APPROVAL ONLY

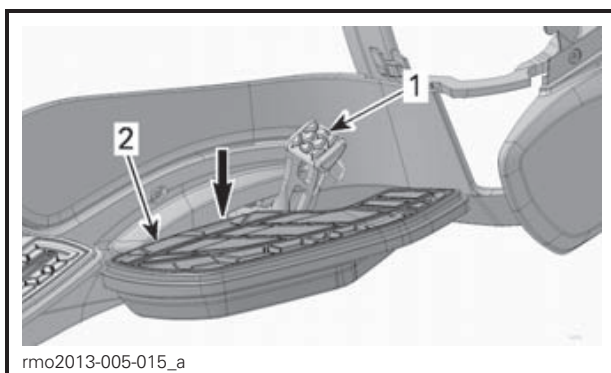
SM6 Models and SE6 Base Model



1. Brake pedal
2. Footrest

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

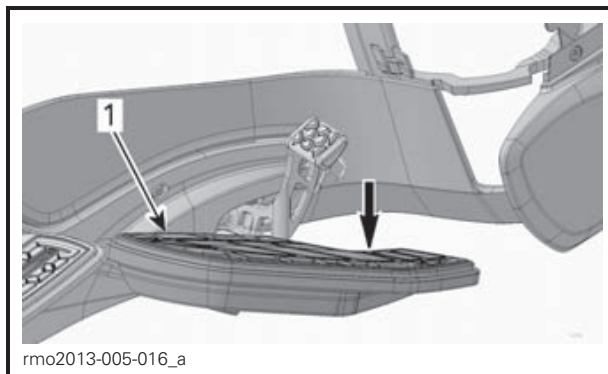
RT Limited SE6 Models



NORMAL CONDITION

1. Brake pedal
2. Floorboard

A mechanism allows the floorboard to lower if the pedal needs to be pressed more than normal. If that occurs, push on the rear portion of the floorboard until it clicks and test the braking system.



LOWERED FLOORBOARD

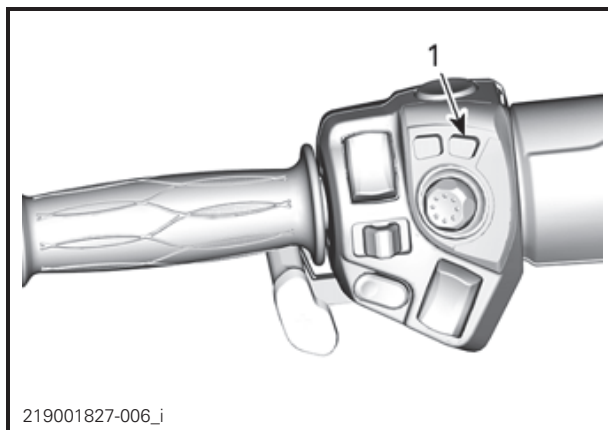
1. Floorboard

If this condition persists or if you find any braking system problems, refer to an authorized Can-Am Spyder roadster dealer.

7) Parking Brake Button

The parking brake button is located on the LH grip. It allows to engage or release the electric parking brake.

On SE6 models, there will be a 20 second beep sound when stopping the engine while the parking brake is not engaged.



1. Parking brake button

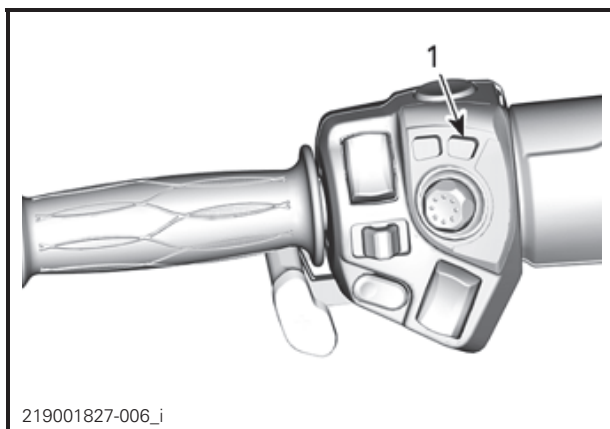
NOTE: To apply or release the parking brake, the ignition key must be turned ON.

NOTE: The battery voltage must be at 11 V minimum to activate the parking brake. If voltage is below 11 V, the parking brake indicator lamp will turn ON and the cluster will display a parking brake failure message.

FOR APPROVAL ONLY

Applying Parking Brake

With the vehicle stopped, press button to apply the parking brake. The brake indicator lamp will flash.



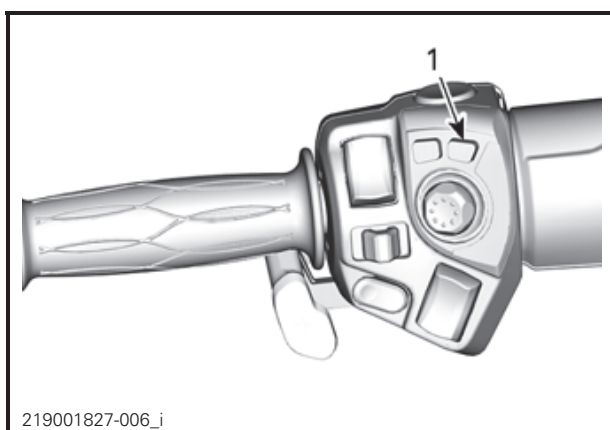
1. Press button

NOTE: The parking brake cannot be activated when the vehicle is above 10 km/h (6 MPH).

Check that the parking brake is fully engaged. Hold the clutch (on SM6 model) and rock the vehicle back and forth.

Releasing Parking Brake

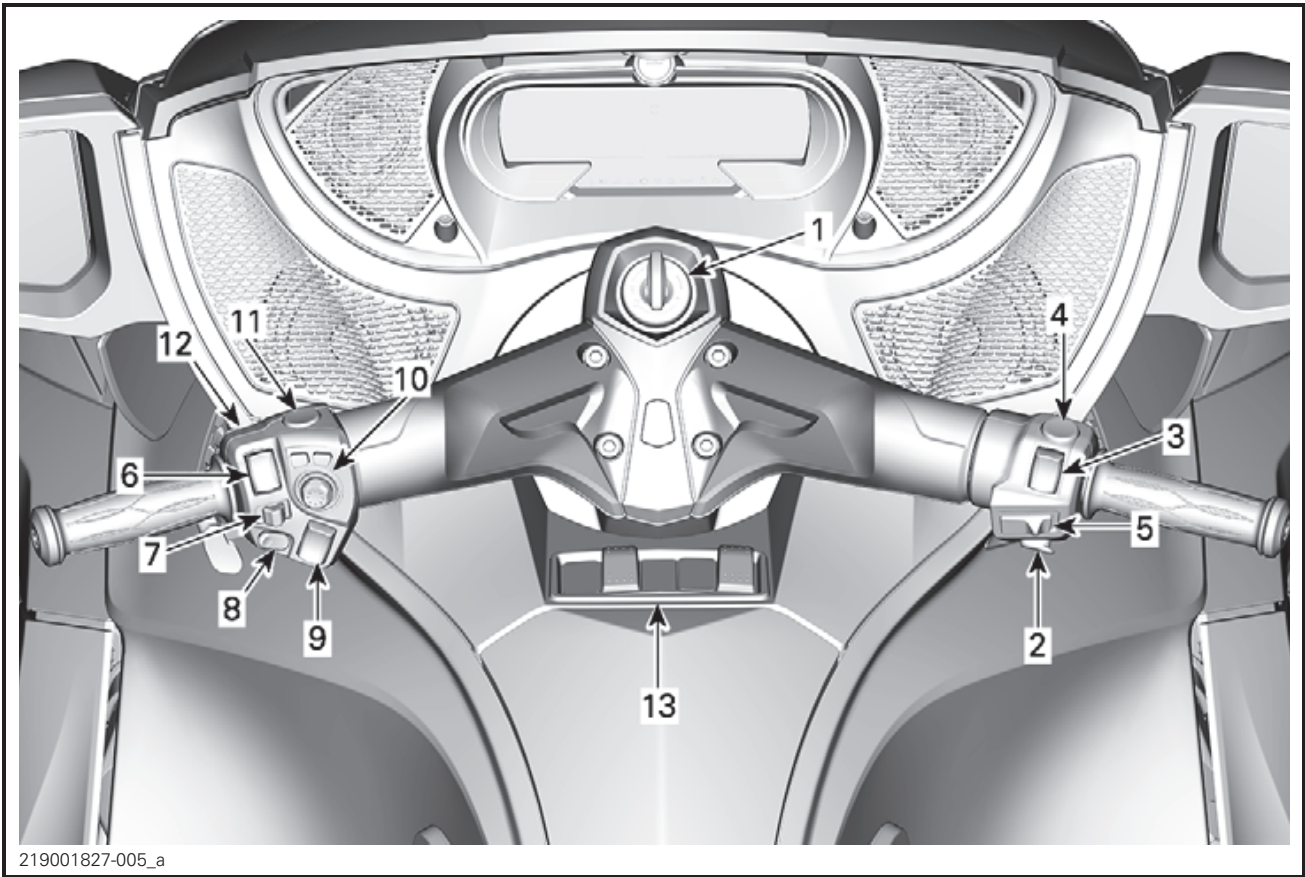
To release parking brake, press button and make sure brake indicator lamp turns OFF.



1. Press button

FOR APPROVAL ONLY

SECONDARY CONTROLS

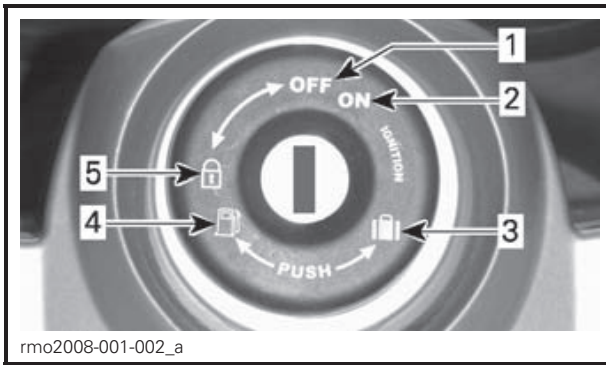


FOR APPROVAL ONLY

TYPICAL

1	Ignition switch	8	Horn button
2	Engine start button	9	Windshield adjustment button
3	Engine stop switch	10	RECC (Roadster Electronic Command Center)
4	Hazard warning switch	11	Reverse button
5	Cruise control switch	12	BRP Connect button
6	Headlight switch	13	Switch cluster
7	Turn signal button		

1) Ignition Switch



IGNITION SWITCH

1. OFF
2. ON
3. Front storage compartment opening
4. Seat opening/fuel tank access
5. Steering/glove box lock position

The ignition switch is located in the center of the handlebar. It controls:

- Engine ignition
- Seat opening mechanism to access:
 - Fuel tank cap
 - Brake fluid reservoirs
- Front storage compartment opening mechanism to access:
 - Operator's guide
 - Fuses
 - Battery terminals.
- Steering/glove box lock mechanism.

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 Spyder key contains a transponder chip specifically pre-programmed that is read via radio frequency by the immobilizer system to allow starting the engine. The

Spyder 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 Spyder roadster dealer.

NOTE: A key barrel is supplied in the glove box to use with the BRP optional trailer. This allows to use the vehicle key for the trailer.

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.

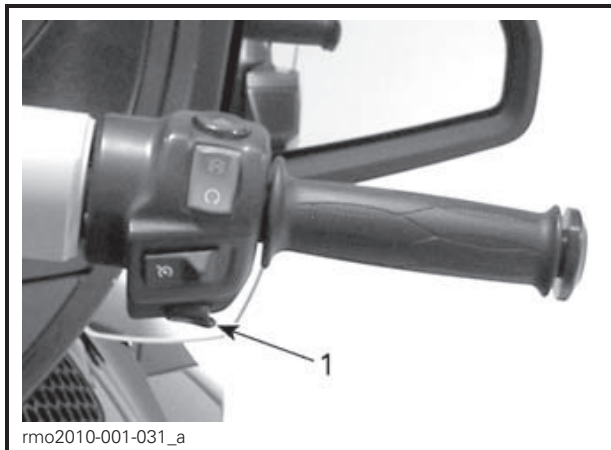
The gauge should wake-up.

The vehicle lights are turned on.

The engine can be started.

2) Engine Start Button

The engine start button is near the right handgrip.

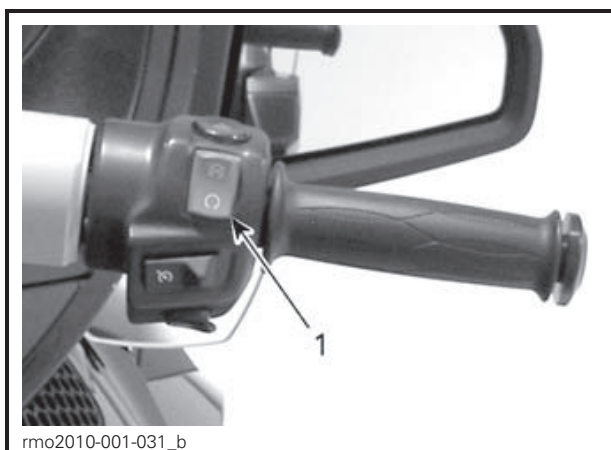


1. Engine start button

When depressed and held, it starts the engine.

3) Engine Stop Switch

The engine stop switch is near the right handgrip.

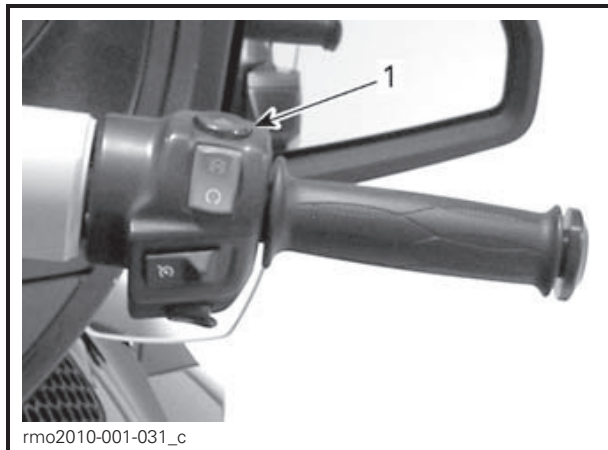


1. Engine stop switch

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.

4) Hazard Warning Switch

The hazard warning switch is near the right handgrip.

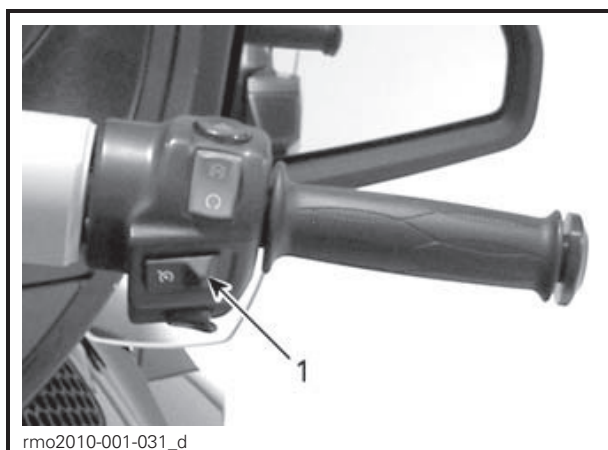


1. Hazard warning switch

Push the button to turn on the hazard warning lights.

5) Cruise Control Switch

The cruise control switch is near the right handgrip.



1. Cruise control switch

The switch is a multifunction switch. It allows to activate, set and stop the function of the cruise control.

Cruise Control



! WARNING

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

FOR APPROVAL ONLY

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.

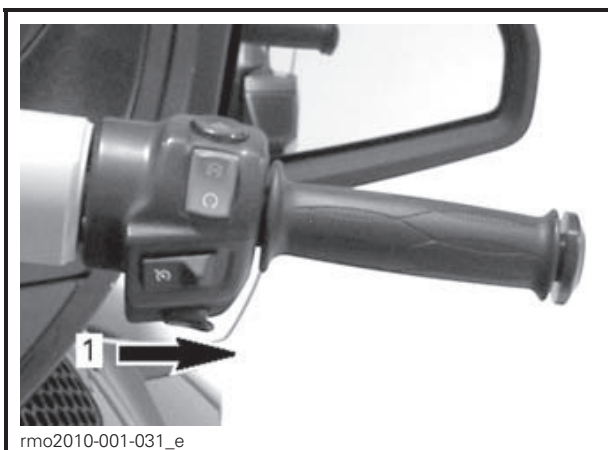
WARNING

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 MPH).

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

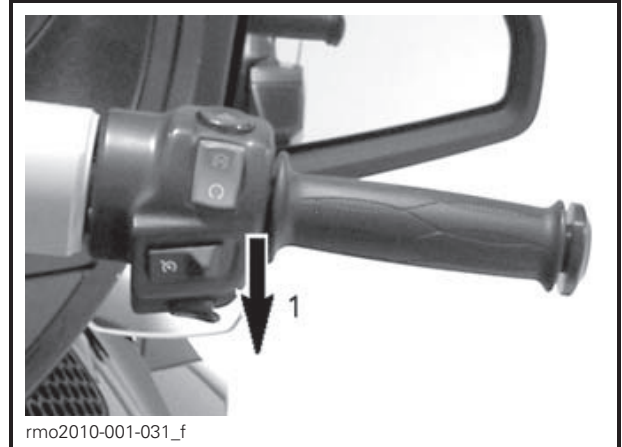


rmo2010-001-031_e

1. Slide button to the right

NOTE: The cruise control status will light in **gray** in the digital display.

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

NOTE: The cruise control status will light in **green** in the digital display.

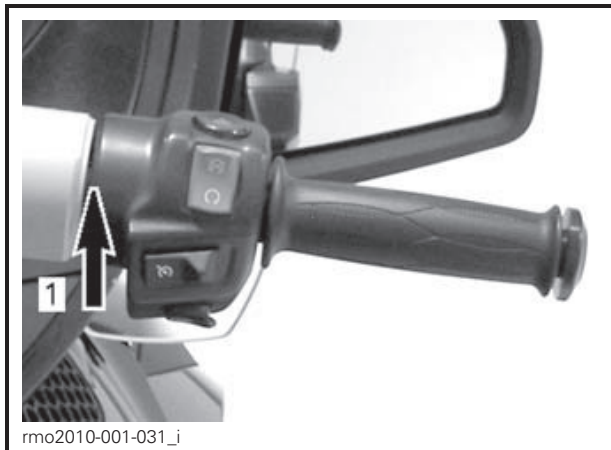
You can now release the throttle.

WARNING

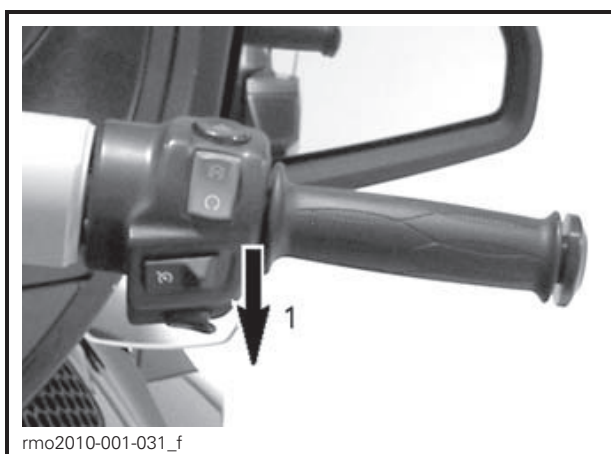
Always keep both hands on the handlebar while riding. Otherwise, this could cause a vehicle loss of control.

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 MPH). Holding the button will change the speed setting until released or the operating limit has been reached.



CRUISE CONTROL PREVIOUSLY SET
1. Push up button to increase the speed setting



CRUISE CONTROL PREVIOUSLY SET
1. Push down button to reduce the speed setting

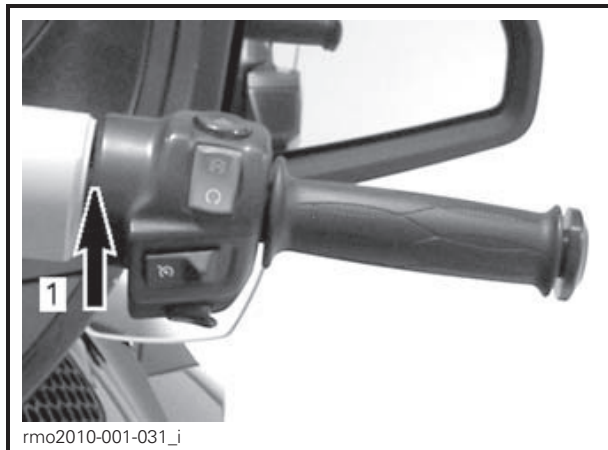
Cancelling the Cruise Control

Any of the following event will cancel the cruise control.

- Pressing the brake pedal.
- Squeezing the clutch lever or if clutch slippage occurs (SM6 models).
- Gear change (SE6 model).
- 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.

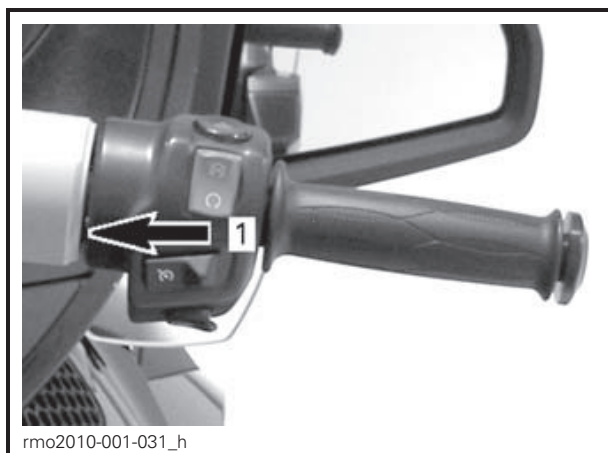


CRUISE CONTROL PREVIOUSLY CANCELLED
1. Push up button to RESUME

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.



1. Slide button to OFF

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

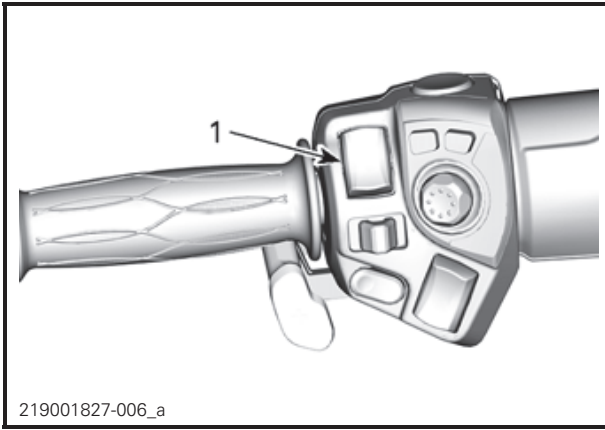
6) Headlight Switch

Headlights



The switch is near the left handgrip.

FOR APPROVAL ONLY

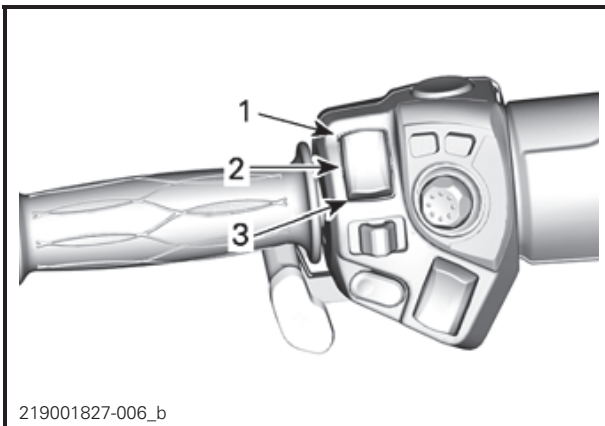
**TYPICAL**

1. Headlight switch

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.

**TYPICAL**

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

7) Turn Signal Button

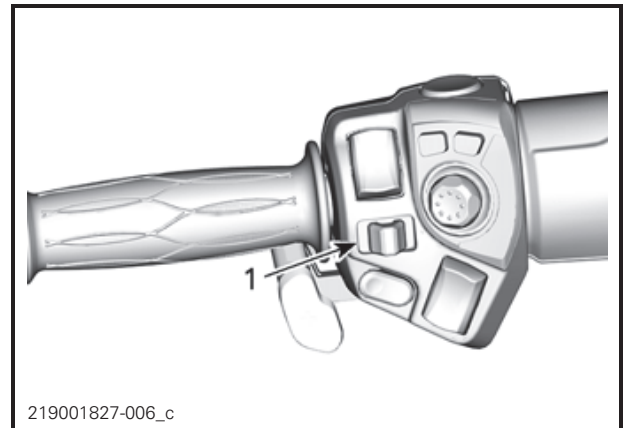
Left side turn signal



Right side turn signal



The turn signal button is located near the left handgrip.

**TYPICAL**

1. Turn signal button

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.

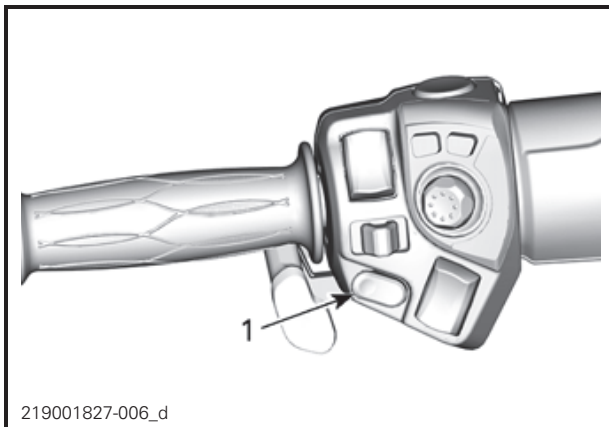
To turn the signal off, press the button in.

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

FOR APPROVAL ONLY

8) Horn Button

The horn button is located near the left handgrip.



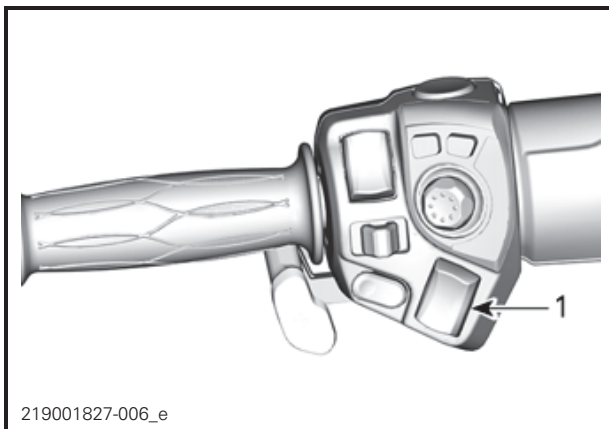
219001827-006_d

TYPICAL

1. Horn button

9) Windshield Adjustment Button

The windshield adjustment button is located near the left handgrip.



219001827-006_e

TYPICAL

1. Windshield adjustment button

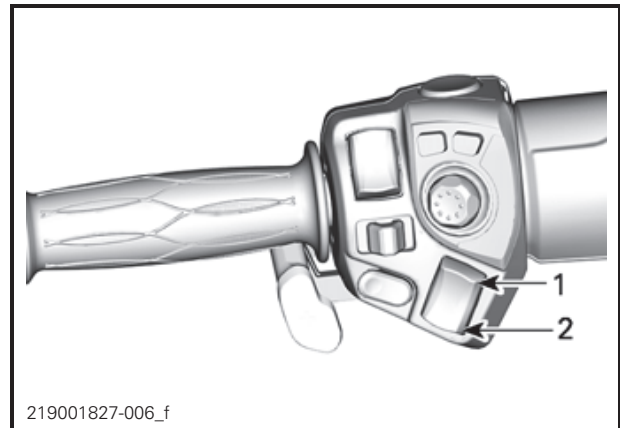
The button allows to raise or lower the height of the windshield to your convenience.

CAUTION Ensure there is no object or anyone hand in the windshield area before adjusting the windshield height. It could damage the vehicle or cause injuries.

NOTE: Engine must be turned on to adjust the windshield.

To raise the windshield, press the button (+ sign). Release the button when the desired height is reached.

To lower the windshield, press the button (- sign). Release the button when the desired height is reached.



219001827-006_f

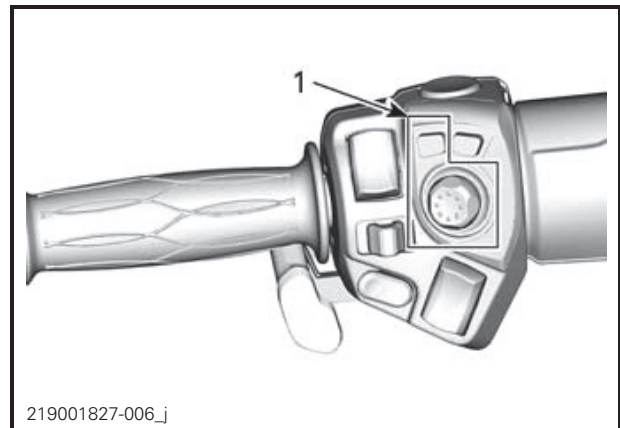
TYPICAL

1. To raise windshield

2. To lower windshield

10) RECC (Roadster Electronic Command Center)

The RECC is located near the left handgrip.



219001827-006_j

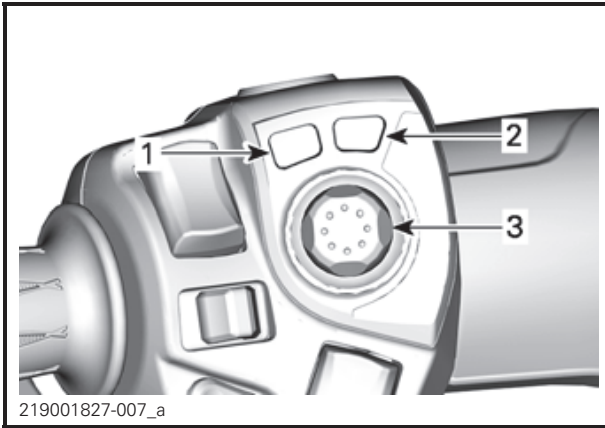
TYPICAL

1. RECC

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

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

FOR APPROVAL ONLY



RECC AND PARKING BRAKE BUTTONS

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 RECC 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.

NOTE: .

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

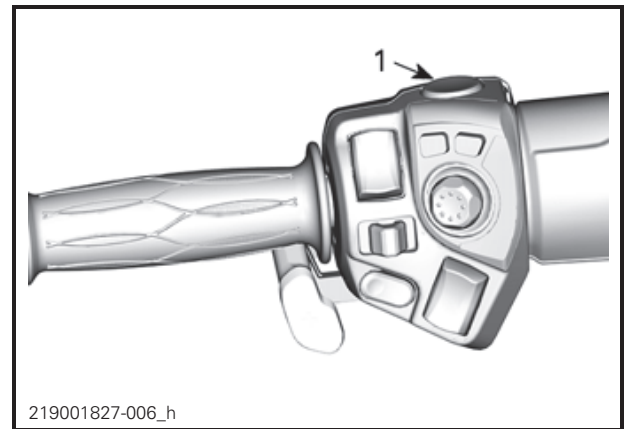
- Audio
- Configuration
- Auto vol CTRL

Push the JOYSTICK DOWN and hold it more than one second. The audio volume will mute.

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

11) Reverse Button

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



TYPICAL

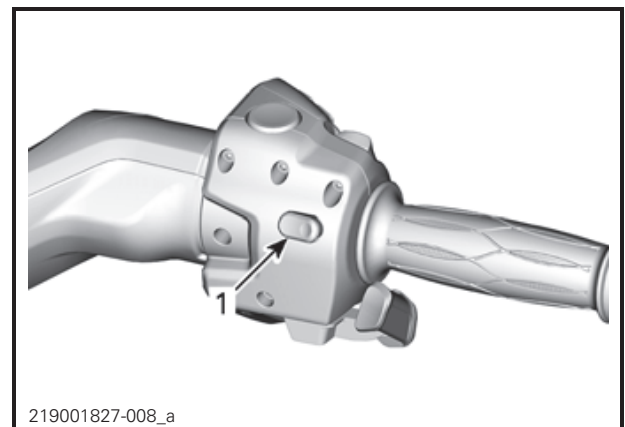
1. Reverse button

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.

12) BRP Connect Button

The BRP Connect button is located on the left handlebar housing facing the clutch lever.



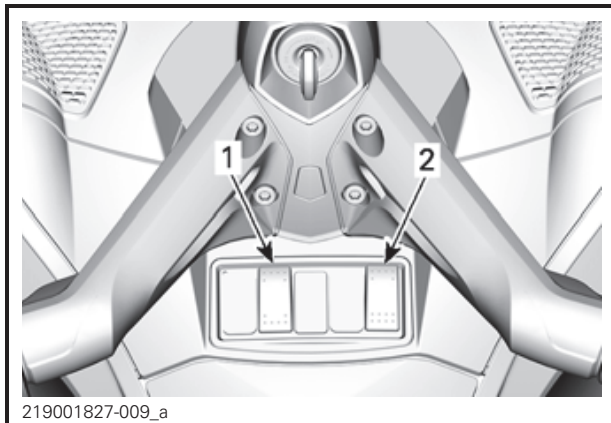
1. PTT button

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.

13) Switch Cluster

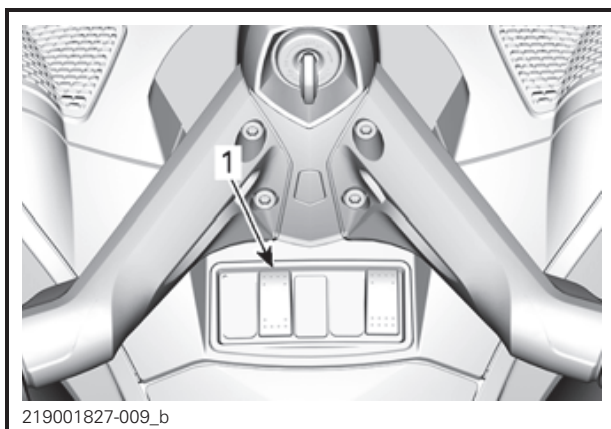
The switch cluster is located above the glove box. It gives control of numerous electrical accessories.

NOTE: The switch cluster is operational only when the engine is running and the battery voltage is over 11 Vdc.



1. Driver's heated grip switch
2. Fog light switch (option package)

Driver's Heated Grip Switch



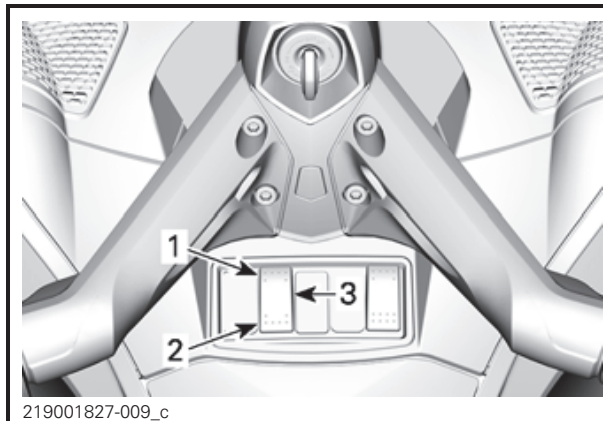
1. Heated grip switch

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

For minimum heat, press the LO intensity side of the switch.

For maximum heat, press the HI intensity side of the switch.

To select the OFF position, set the switch to the middle position.

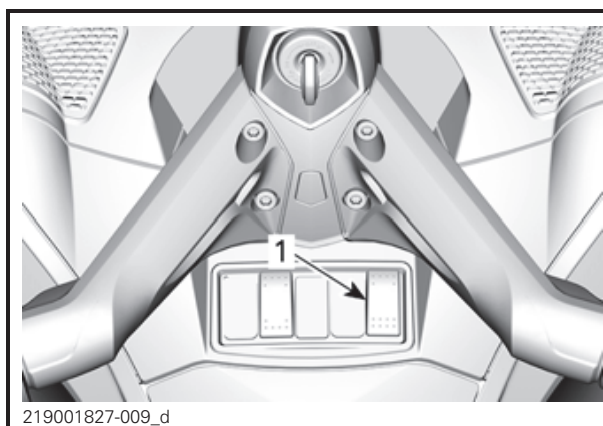


1. HI intensity
2. LO intensity
3. OFF (middle position)

NOTE: The heated grips will automatically turn off when ignition key is turned to OFF.

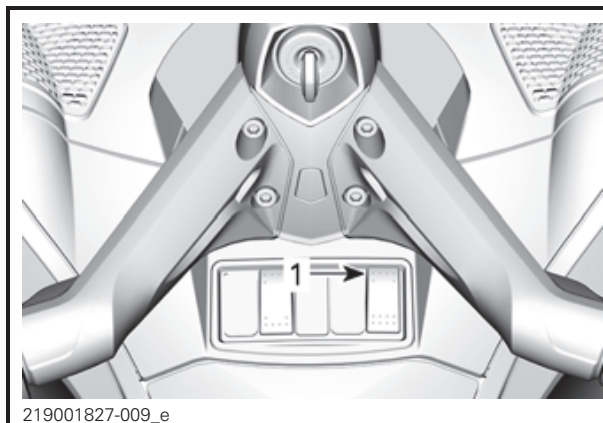
Fog Light Switch (Option Package)

All models except European models, Japan, and Australia



1. Fog light switch

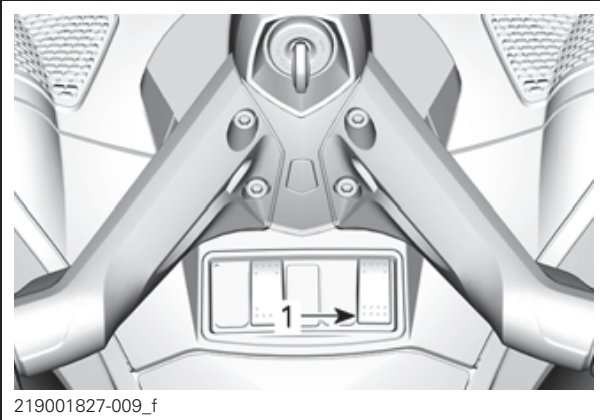
Press on the switch icon to turn on the fog lights.



1. Press here to turn on

FOR APPROVAL ONLY

Press the switch to the opposite icon side to turn off the fog lights.

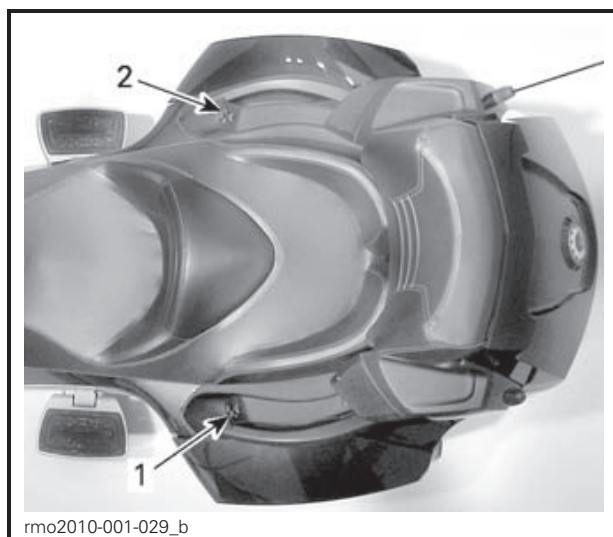


219001827-009_f

1. Press here to turn off

FOR APPROVAL ONLY

PASSENGER CONTROLS



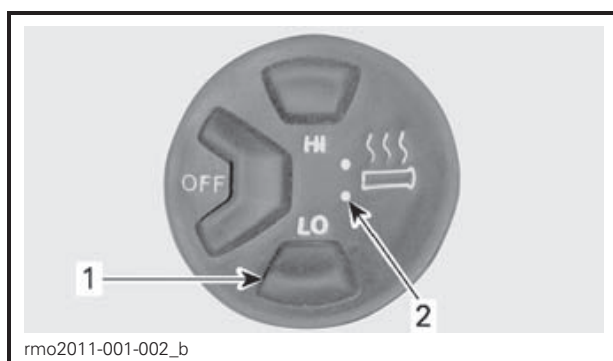
1. Passenger Heated Grip Switch
2. Passenger Audio Control (option)

Passenger Heated Grip Switch

The heated grip switch is located near the left passenger grip.

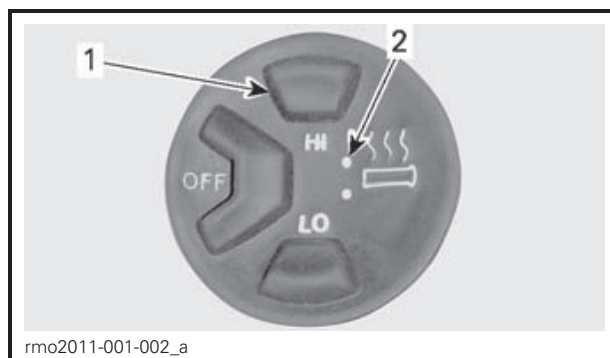
The heated grip switch allows to turn on and off the heated grips and to control the heating intensity.

For minimum heat, press the LO intensity button.



1. LO intensity button
2. LO intensity indicator

For maximum heat, press the HI intensity button.



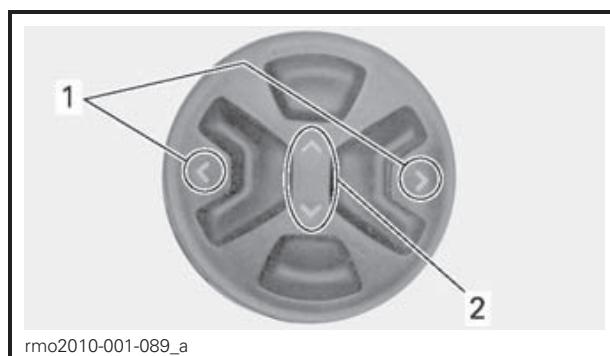
1. HI intensity button (both lights will be on)
2. HI intensity indicator

To select the OFF position, press the OFF button.

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

Passenger Audio Controls

The audio controls are located near the right passenger grip.



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

The passenger audio controls are a replicate of the front joystick Up/Down/Left/Right. It will allow to change the volume level and song/channel when the cluster is set to audio screen.

The radio preset station or the song in an iPod mobile digital device can be changed using the LEFT/RIGHT buttons.

For additional information on audio functions, refer to *AUDIO CONTROLS*.

FOR APPROVAL ONLY

⚠ 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.

FOR APPROVAL ONLY

MULTIFUNCTION GAUGE

Basic Functions

Twin 4.3 inch Full Color LCD Display

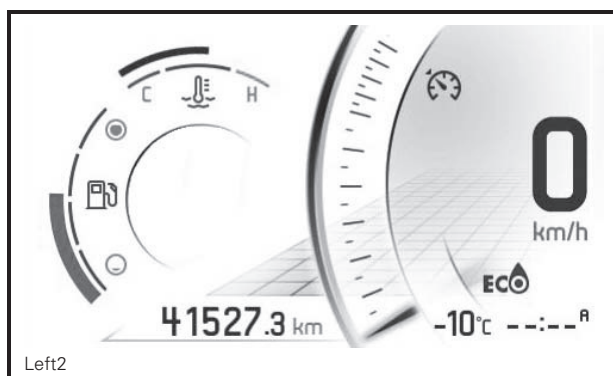
General View



Multifunction Display



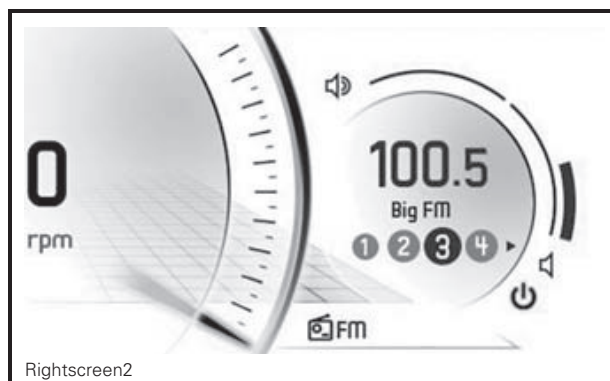
Left Lateral Display



The left lateral display includes:

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

Right Lateral Display



The right lateral display includes:

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

Navigating in the Digital Display

! WARNING

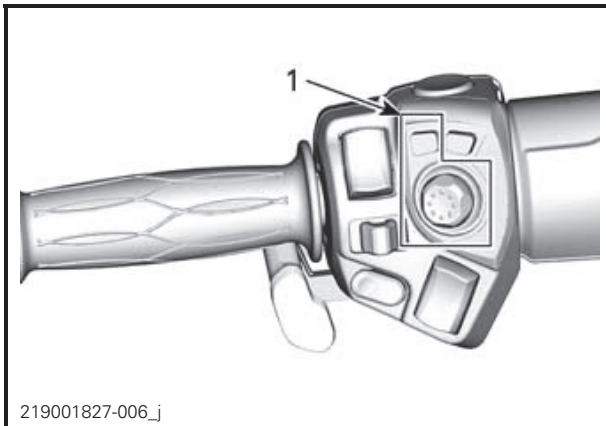
Reading or tampering with the multifunction gauge can distract you from the operation of the vehicle, particularly from constantly scanning the environment. Always pay attention to road conditions, ensure your environment is clear and free from obstacles. Furthermore, when riding, only glance at the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

FOR APPROVAL ONLY

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

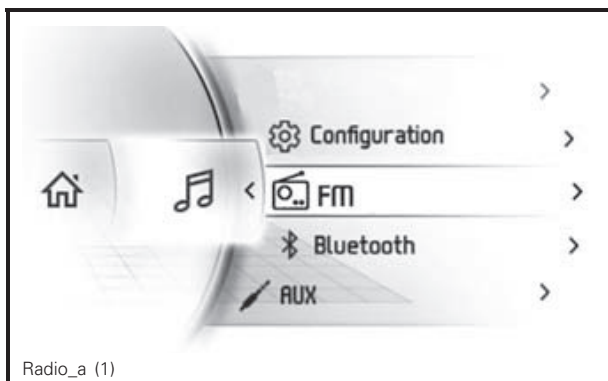


1. RECC

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.



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

Indicator Lamps

Warning and Telltale Lights



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
	ORANGE - ABS
	RED - Brake

Icons and Indicators

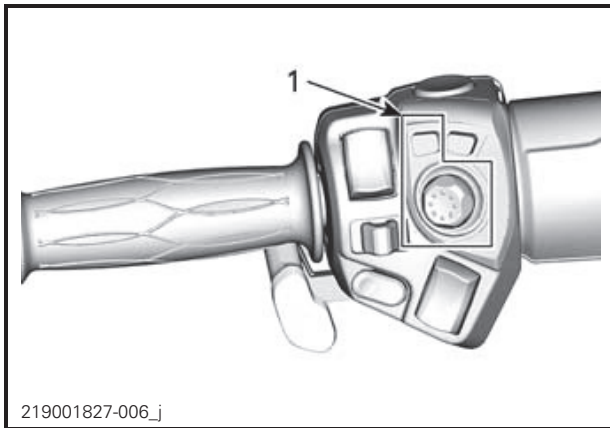
WARNING AND TELLTALE LIGHTS

	Smartphone Network connection
	Bluetooth device
	Smartphone battery level indicator
	Helmet pairing indicator
	Fuel indicator
	Temperature indicator
	Cruise control indicator

Settings

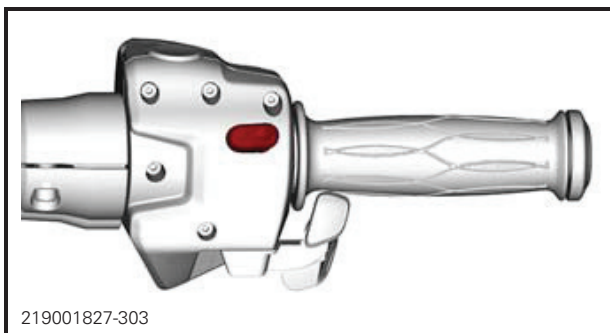
Menu Switches

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



1. RECC

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.



Menu

BRP Connect



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.

NOTE: Refer to the Can-Am Spyder's web site (www.spyder.brp.com/) for further details.

A variety of smartphone app are compatible with BRP Connect. Compatible apps within the BRP Connect or on the BRP Connect web page through the Can-Am Spyder's web site (www.spyder.brp.com/). The availability of apps is subject to change.

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

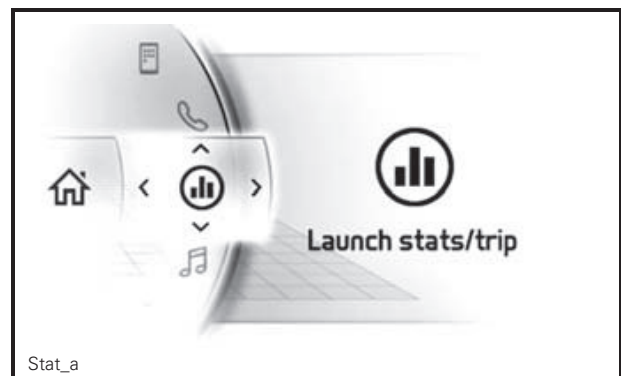
Phone



The phone menu is to access:

- The phone history
- The phone contact list

Statistics

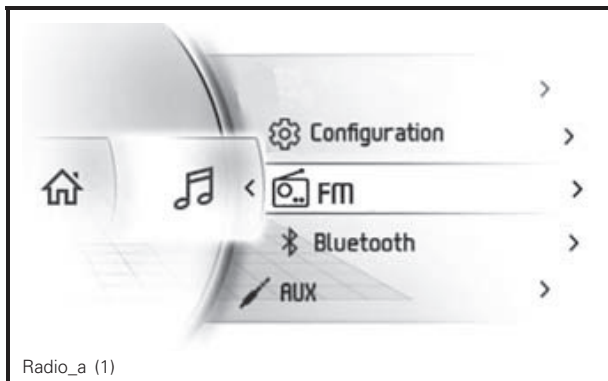


The Statistics menu is used to get :

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

FOR APPROVAL ONLY

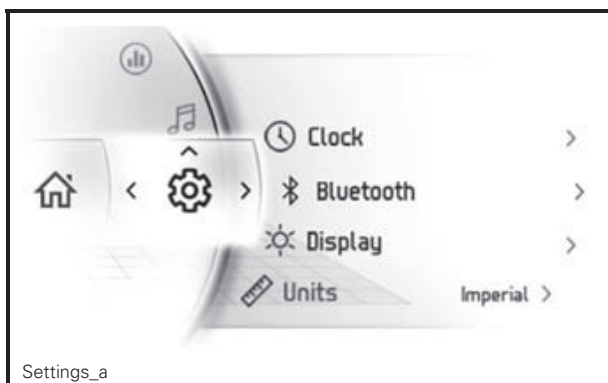
Audio



The phone 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

Settings



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

FOR APPROVAL ONLY

EQUIPMENT

Mirrors

Adjusting Mirrors

Press the mirror at the points shown below to adjust its position in the four directions.



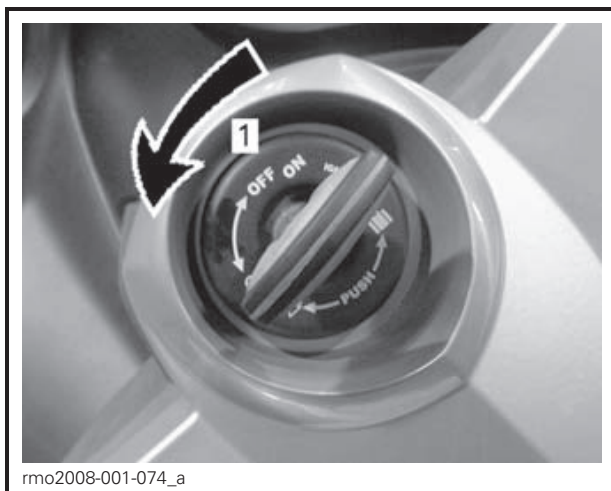
MIRROR ADJUSTMENT POINTS

Glove Box

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.



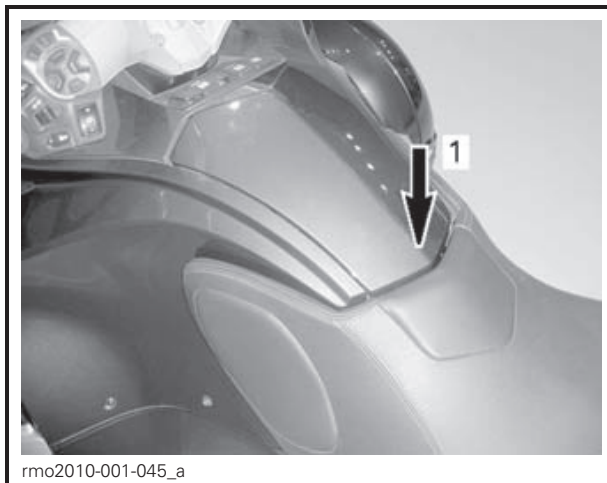
KEY POSITION TO LOCK HANDLEBAR

1. Turn key 1/4 turn

Opening the Glove Box

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

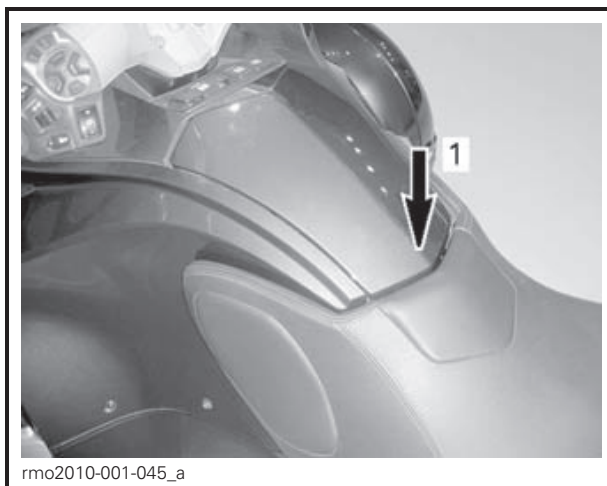
Push on the lower end of glove box to release it.



1. Push here to release

Open cover.

When done, close cover then push on the lower end of glove box to latch it.



1. Push here to latch

Always latch the glove box after usage.

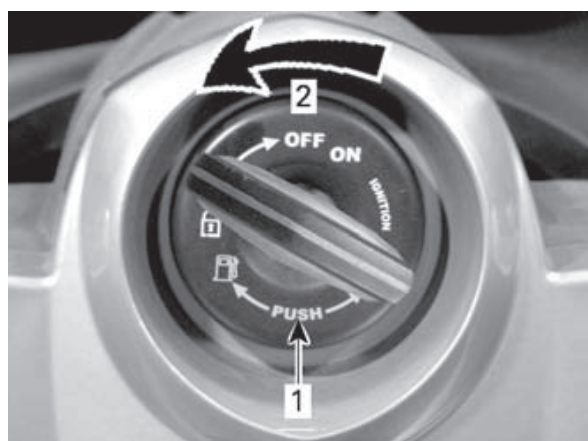
NOTE: The glove box will be automatically locked when locking the steering.

FOR APPROVAL ONLY

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.



rmo2008-001-070_a

KEY POSITION TO OPEN FRONT STORAGE COMPARTMENT

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

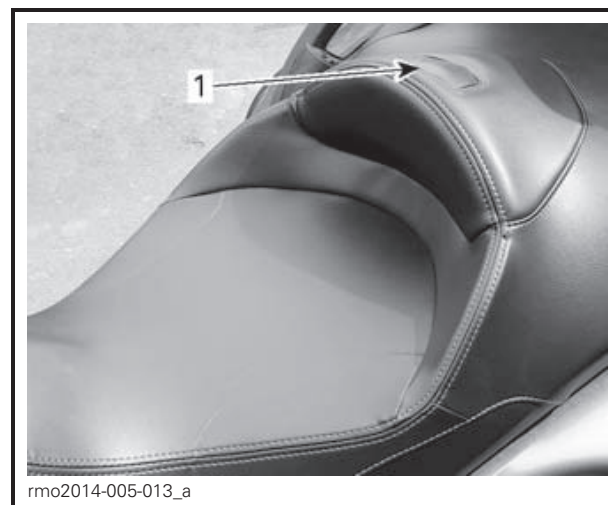


rmo2010-001-044

OPENED

Seat

The operator seat is equipped with a provision to install the operator seat backrest (available in option).



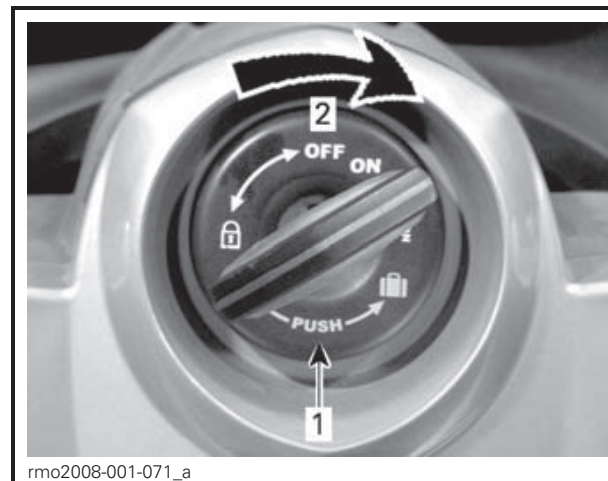
rmo2014-005-013_a

1. Backrest access cover

NOTE: When backrest is not installed, make sure the five tabs of the access cover are properly engaged.

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.



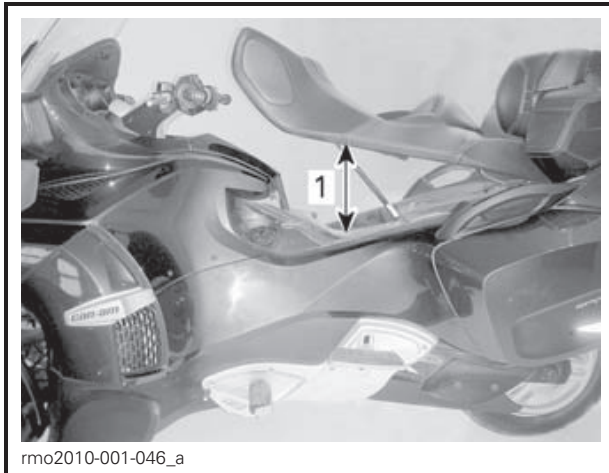
rmo2008-001-071_a

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.

FOR APPROVAL ONLY

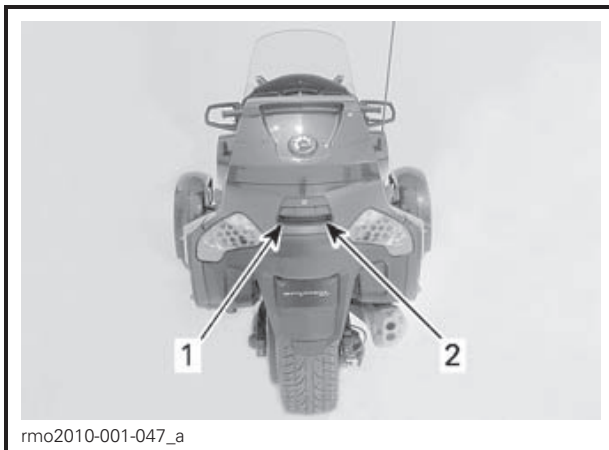


1. Maximum opening of seat

Storage Compartments

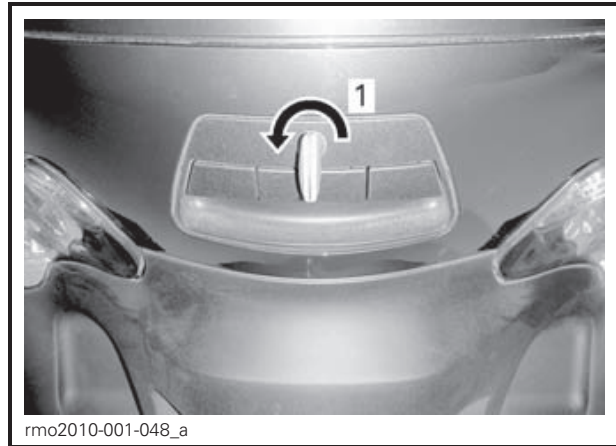
Opening the Side Storage Compartments

The side storage compartment latches are located at the rear of vehicle.



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

If locked, use the ignition key and unlock all the latches at the same time by turning key counterclockwise.



1. Turn counterclockwise to unlock

Pull the left side latch to open the left side storage compartment cover and pull the right side latch to open the right side cover.



1. Opening the left cover

The chosen storage compartment cover will open.

NOTE: Be aware that objects may have moved while riding. Pay attention not to drop objects while opening the cover.

Always latch the cover after usage.

When finished, lock the latches if desired. Turn key clockwise.

FOR APPROVAL ONLY



rmo2010-001-048_b

1. Turn clockwise to lock

NOTICE Never ride the vehicle with any cover open.

Closing the Side Storage Compartments

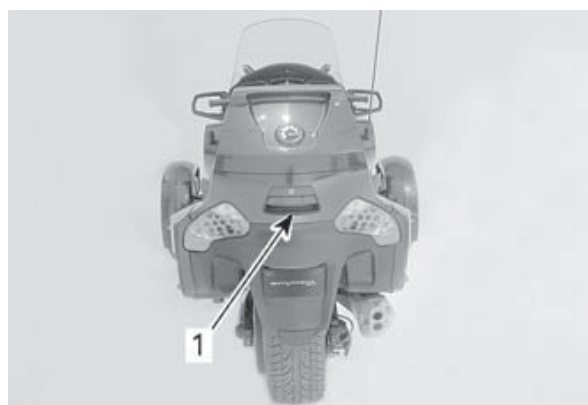
Lift slowly the side storage compartment cover to let air flow out.

Bring the cover at closing position.

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

Opening the Top Storage Compartment

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



rmo2010-001-047_b

1. Latch for the top storage compartment

If locked, use the ignition key and unlock all the latches at the same time by turning key counterclockwise.



rmo2010-001-048_a

1. Turn counterclockwise to unlock

Pull the latch.



rmo2010-001-050_a

1. Opening the top cover

Open the storage compartment cover.

Always latch the cover after usage.

When finished, lock the latches if desired. Turn key clockwise.



rmo2010-001-048_b

1. Turn clockwise to lock

NOTICE Never ride the vehicle with the cover open.

FOR APPROVAL ONLY

Closing the Top Storage Compartment

Bring the cover at closing position.

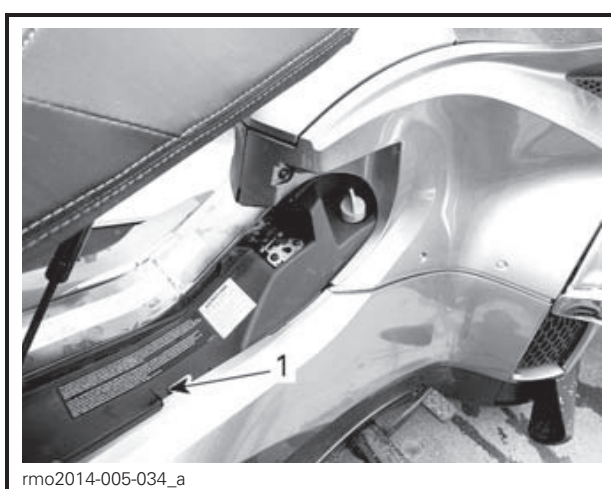
Put your hand in the center of the cover then push to lock.

Helmet

Securing a Helmet

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

Open seat.



rmo2014-005-034_a

1. RH helmet hook

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

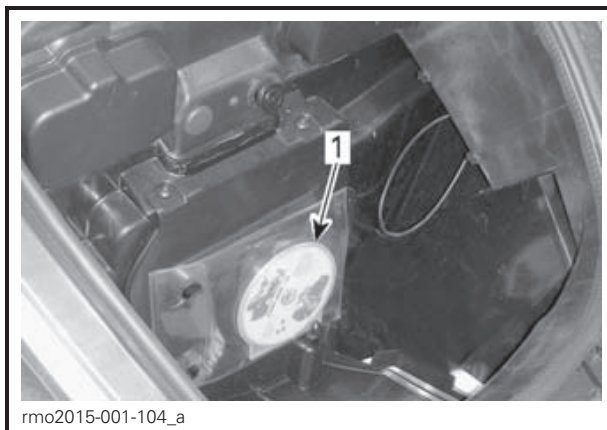
Tool Kit Location

The tool kit is located in the top 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.



rmo2015-001-104_a

TYPICAL

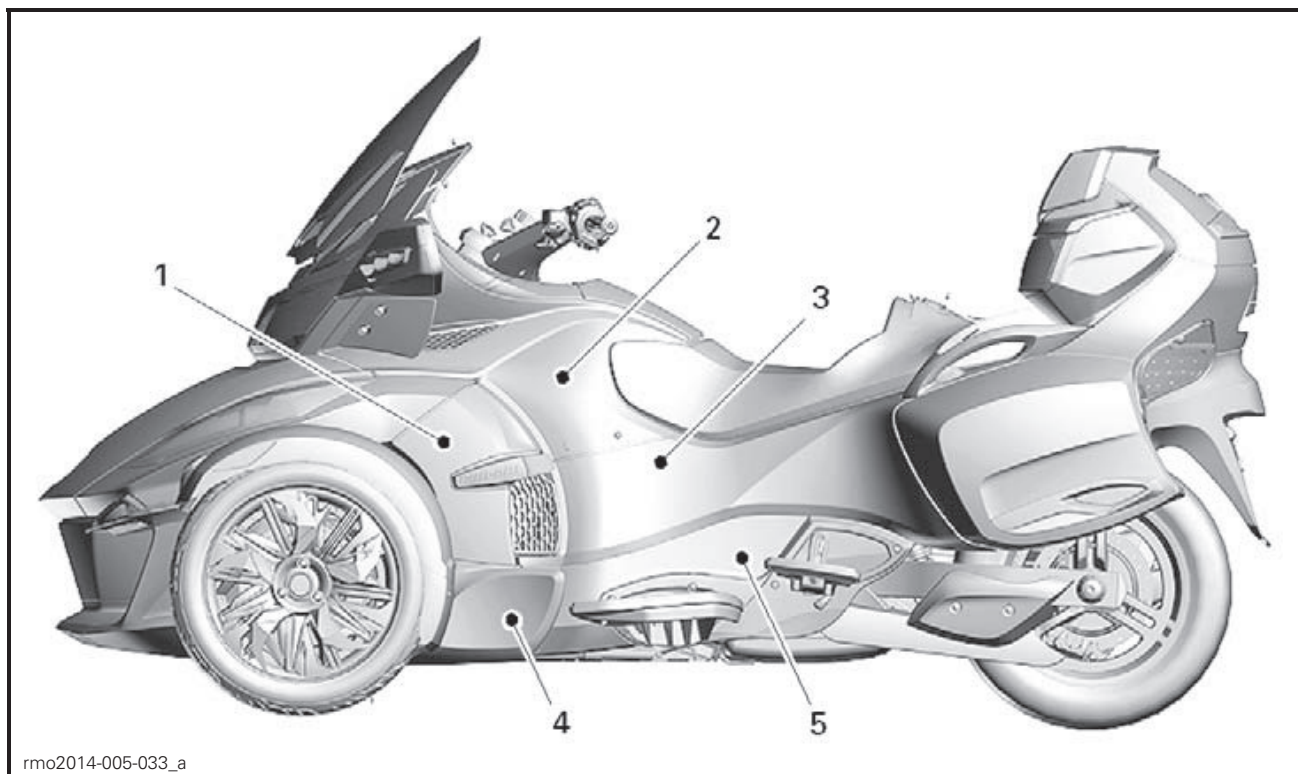
1. Operator's guide

FOR APPROVAL ONLY

Body Panels

The body panels on the vehicle can be removed for maintenance.

FOR APPROVAL ONLY

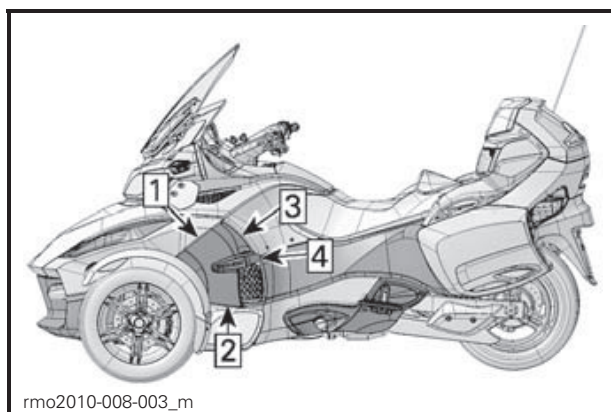


LEFT HAND SIDE PANELS

1. Side panel
2. Top side panel
3. Rear side panel
4. Bottom front side panel
5. Bottom rear side panel

Side Panel

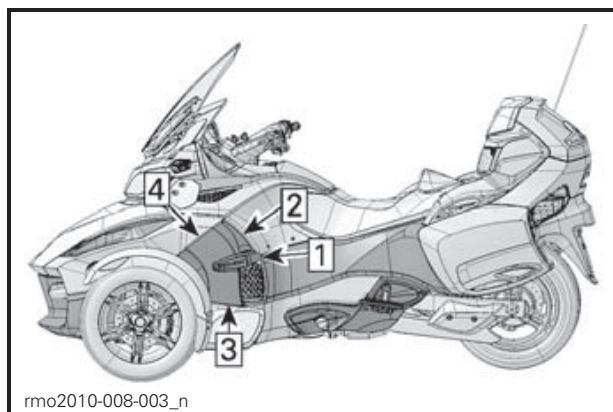
Removal



REMOVAL SEQUENCE

1. Pull the top front of the panel out of its grommet.
2. Pull the bottom front of the panel out of its grommet.
3. Unclip the top rear of the panel.
4. Pull the rear of the panel out of its grommet.

Installation



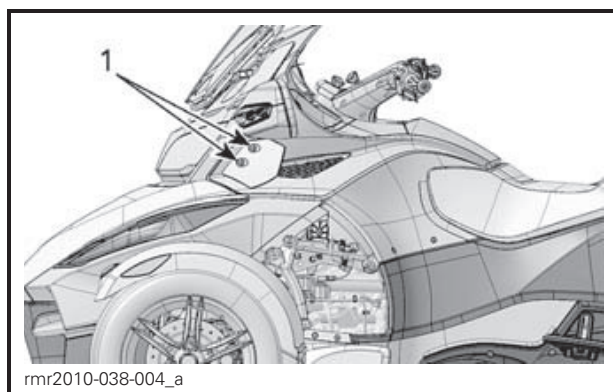
INSTALLATION SEQUENCE

Reinstall side panel in the reverse order of the removal.

Top Side Panel

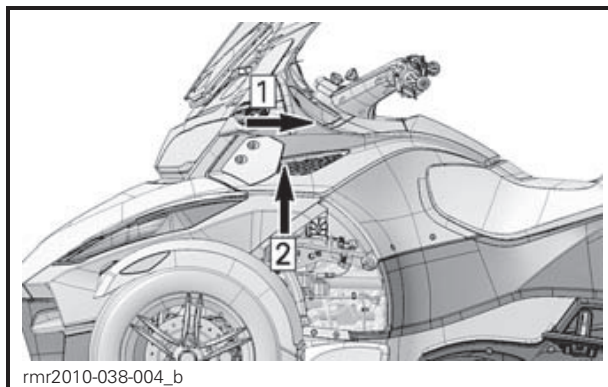
Removal

1. Open seat.
2. Open front storage compartment.
3. Remove side panel.
4. Remove retaining screws from lower wind deflector.



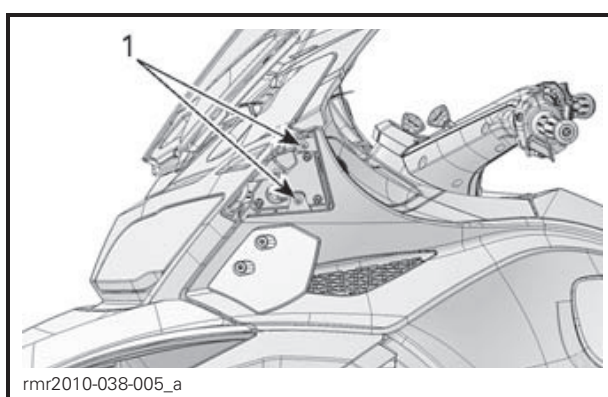
1. Retaining screws of wind deflector

5. Remove mirror:
 - 5.1 Push firmly on the top front of the mirror towards the rear of the vehicle.
 - 5.2 Push up firmly on the outermost part of the mirror.



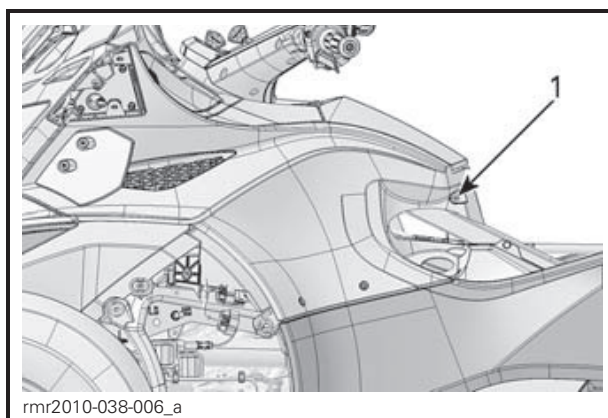
- Step 1: Push towards the rear
- Step 2: Push up

6. Remove upper retaining screws from top side panel.



1. Upper retaining screws

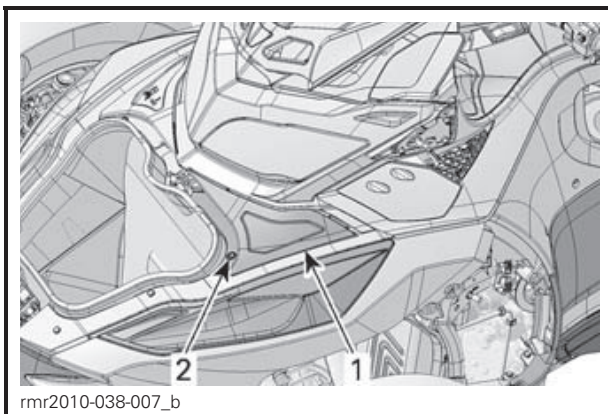
7. Remove rear retaining screw from top side panel.



1. Rear retaining screw

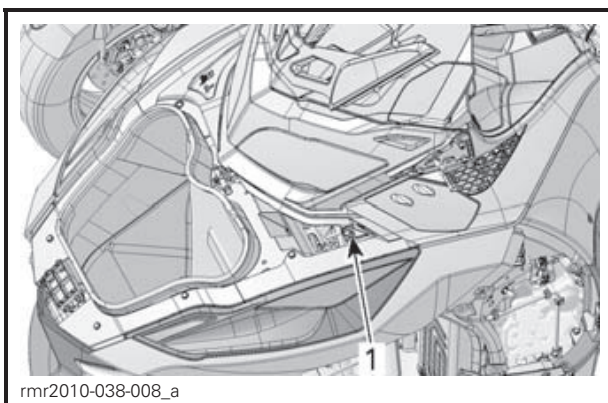
8. Remove left service cover by removing plastic rivet.

FOR APPROVAL ONLY



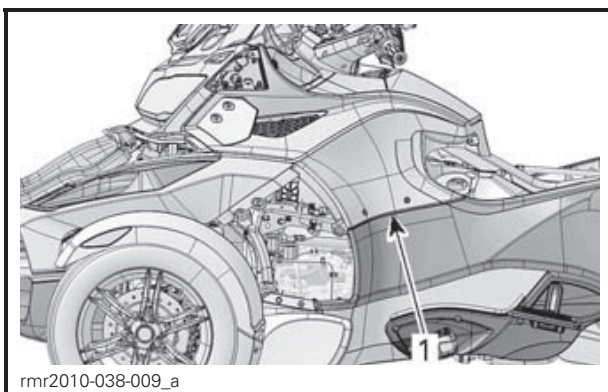
1. Left service cover
2. Plastic rivet

9. Remove front retaining screw from top side panel.



1. Front retaining screw

10. Remove lower retaining screws of top panel.
11. Remove top side panel by lifting it upwards.



1. Top side panel

NOTE: There are two esthetic screws on the top side panel which cannot be removed.

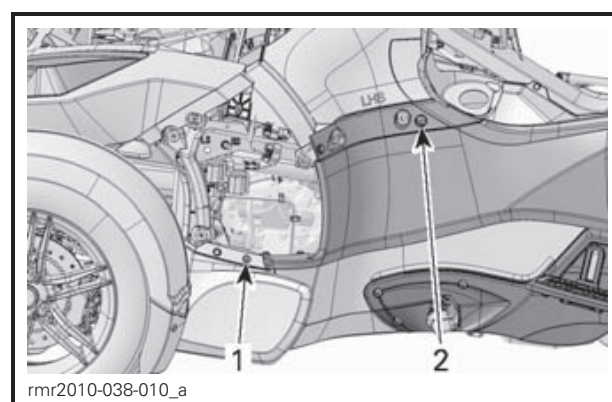
Installation

Reinstall top side panel in the reverse order of the removal.

Rear Side Panel

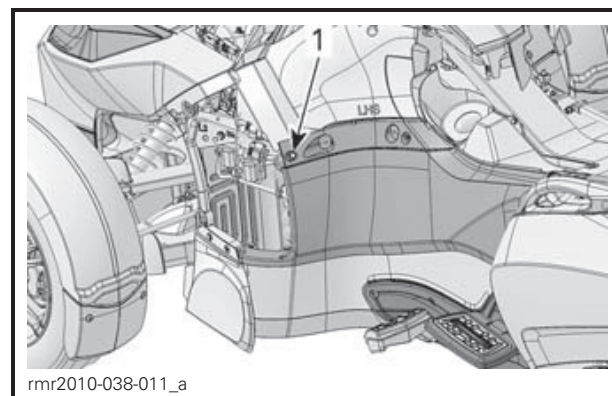
Removal

1. Remove side panel.
2. Remove top side panel.
3. Remove front retaining screw of rear side panel.
4. Remove upper retaining screw and washer from rear side panel.



1. Front retaining screw
2. Upper retaining screw

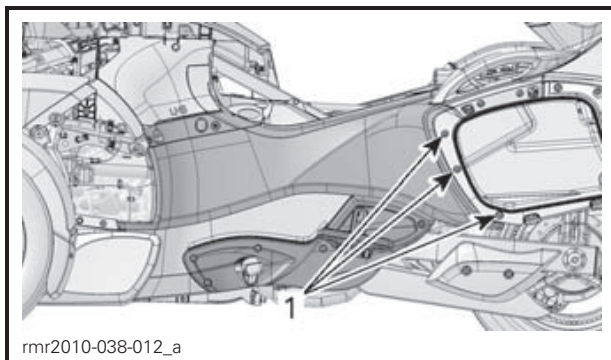
5. Remove front plastic rivet from rear side panel.



1. Front plastic rivet

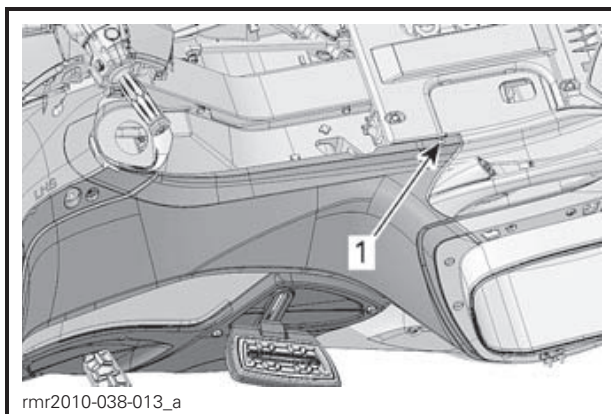
6. Open side storage compartment cover.
7. Remove rear retaining screws from rear side panel.

FOR APPROVAL ONLY



1. Rear retaining screws

8. Remove top retaining screw of rear side panel.



1. Top retaining screw

9. Remove rear side panel from vehicle.

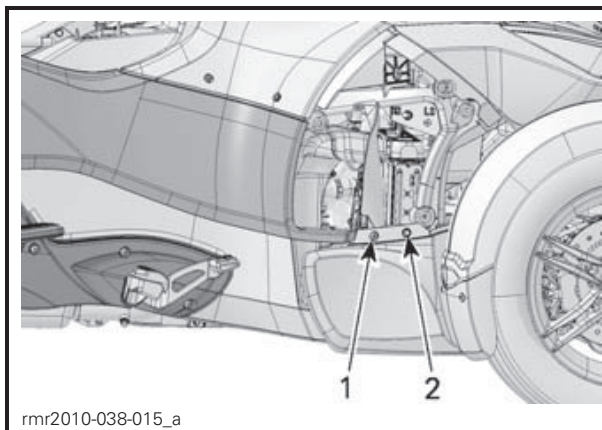
Installation

Reinstall rear side panel in the reverse order of the removal.

Bottom Front Side Panel

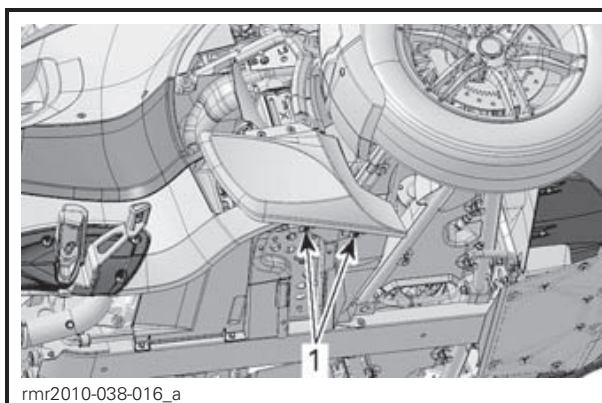
Removal

1. Remove side panel.
2. Remove upper retaining screw from panel.
3. Remove upper plastic rivet from panel.



1. Upper retaining screw
2. Upper plastic rivet

4. Remove the 2 bottom plastic rivets from the panel.



1. Plastic rivets

5. Remove bottom front side panel from vehicle.

Installation

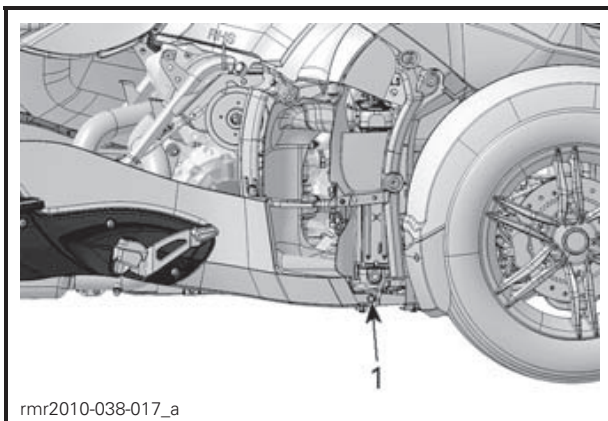
Reinstall bottom front side panel in the reverse order of the removal.

Bottom Rear Side Panels

Removal of Bottom Rear RH Side Panel

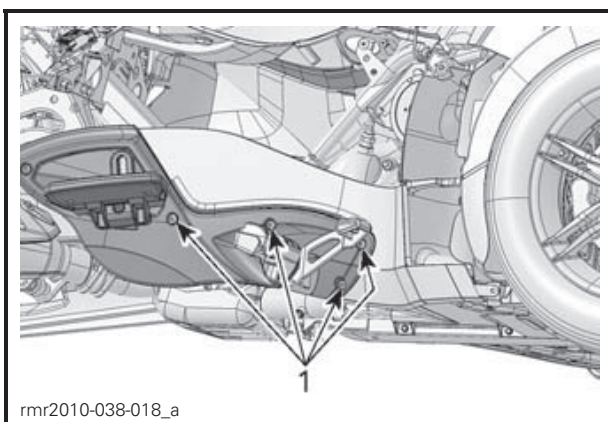
1. Remove middle side panel.
2. Remove top side panel.
3. Remove rear RH side panel.
4. Remove bottom front side panel.
5. Remove bolt and nut from bottom rear RH side panel.

FOR APPROVAL ONLY



1. Front retaining nut

6. Remove retaining screws from bottom rear RH side panel.

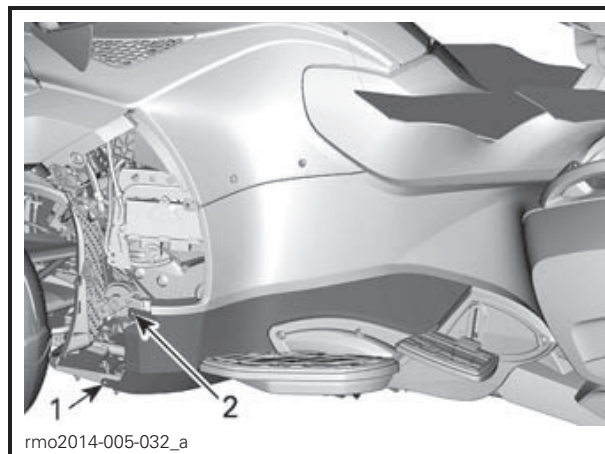


1. Retaining screws

7. Remove bottom rear RH side panel from vehicle.

Removal of Bottom Rear LH Side Panel

1. Remove middle side panel.
2. Remove top side panel.
3. Remove rear LH side panel.
4. Remove bottom front side panel.
5. Remove bottom retaining screw from bottom rear LH side panel.



1. Bottom retaining screw
2. Upper retaining screw

6. Loosen upper retaining screw.

NOTE: Upper retaining screw remains attached to bottom panel.

7. Remove bottom rear side panel from vehicle by pulling forward to release panel from bracket.

NOTE: The back of the panel is inserted between the bracket and aluminium support.

Installation

Reinstall bottom rear side panels in the reverse order of the removal.

FOR APPROVAL ONLY

BASIC PROCEDURES

Adjusting the Passenger Footrest

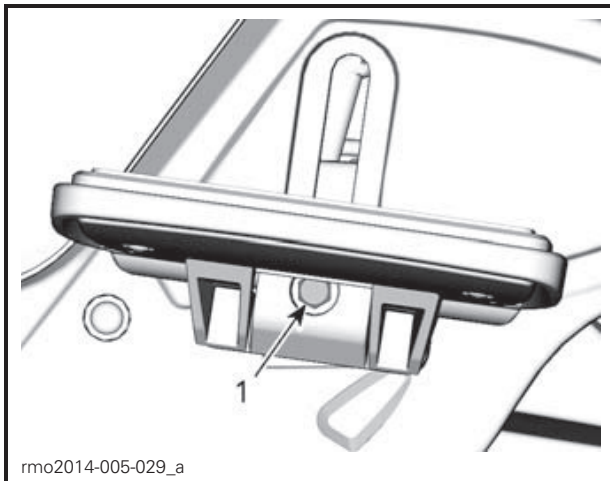
For the passenger's comfort, its footrest height can be adjusted.

Flip the footrest upward.

Turn the retaining screw counterclockwise with a wrench (stored in the tool kit) to loosen the screw.

NOTE: Do not completely unscrew the retaining screw to adjust the footrest. Unscrew only until you can disengage the footrest from the slots.

Raise or lower the footrest to your convenience.



1. Retaining screw

When finished, tighten retaining screw clockwise.

Flip the footrest downward.

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.

SM6 Model

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. Pull in and hold the clutch lever.
6. Shift into NEUTRAL. Check the multifunction gauge to be sure you are in neutral.
7. 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.

FOR APPROVAL ONLY

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

SE6 Model

NOTE: The SE6 model 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

SM6 Model

1. Shift into first gear.
2. Set the engine stop switch to OFF.

3. Engage the parking brake. The brake indicator lamp will flash.
4. Turn the key to OFF.
5. Before dismounting, check that the parking brake is fully engaged. Hold the clutch and rock the vehicle back and forth.

WARNING

Always engage the parking brake. The vehicle can roll if the parking brake is not engaged and the transmission is in neutral.

SE6 Model

1. Shift into neutral.
2. Set the engine stop switch to OFF.
3. Engage the parking brake. The brake indicator lamp will flash.
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.

All Models

This vehicle is equipped with an Electronic Throttle Control (ETC).

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. Shift the transmission into NEUTRAL (SM6 model).
3. Disengage the parking brake.
4. Dismount on the right side of the vehicle, keeping your foot on the brake pedal.
5. 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.

6. 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 (SM6 Model)

1. With engine running, shift into first gear.
2. Hold in the clutch lever.
3. Press and hold the reverse button.
4. Step down on the shift lever one stroke.
5. Release the reverse button and check that the letter "R" flashes on the multifunction gauge and the backup lights turn on.

Shifting Into Reverse (SE6 Model)

1. With engine running, the roadster 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

SM6 Model

To shift out of reverse, hold in the clutch and lift the shift lever once to shift into first. You do not need to use the reverse button — it resets automatically.

SE6 Model

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.

FOR APPROVAL ONLY

⚠ 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 result 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

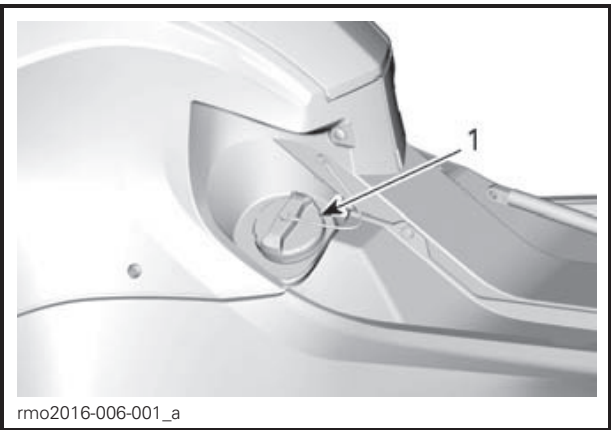
!

WARNING

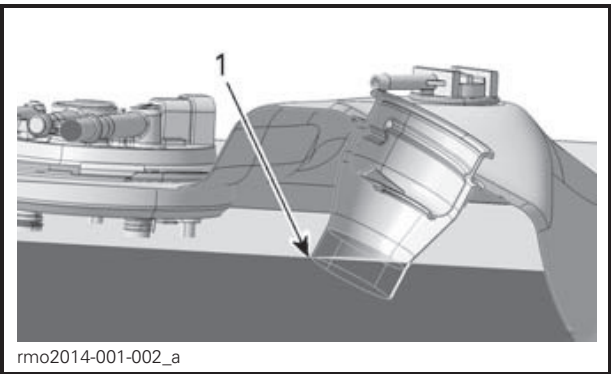
Gasoline is extremely flammable and highly explosive. Follow the refueling procedure to reduce the risk of fire or explosion. See the *GENERAL PRECAUTIONS* section.

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 seat (see *EQUIPMENT*). The fuel cap is located on the left side.



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



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 Suspension

ACS Rear Suspension Adjustment (with Manual Adjustment)

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

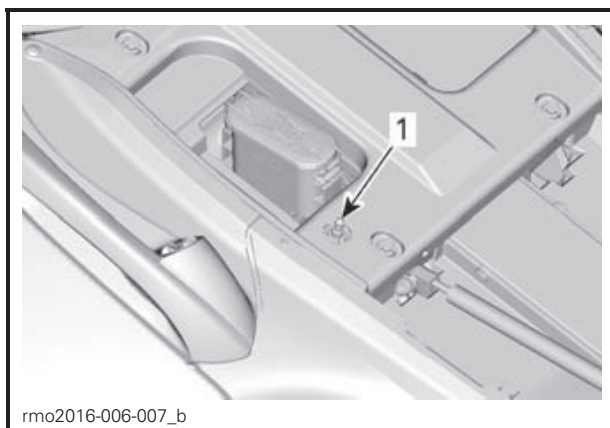
LOAD		(PASSENGER + CARGO) Kg / Lb 704905155				
		0	45/100	70/150	90/200	115/250
DRIVER	Kg/Lb	kPa/Psi/bar	kPa/Psi/bar	kPa/Psi/bar	kPa/Psi/bar	kPa/Psi/bar
	70/150	310/45/3.10	380/55/3.80	450/65/4.50	480/70/4.80	515/75/5.15
	90/200	345/50/3.45	415/60/4.15	480/70/4.80	515/75/5.15	550/80/5.50
	115/250	380/55/3.80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

704905155

FOR APPROVAL ONLY

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.



1. Schrader valve

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.

ACS Rear Suspension Adjustment (with Automatic Adjustment)

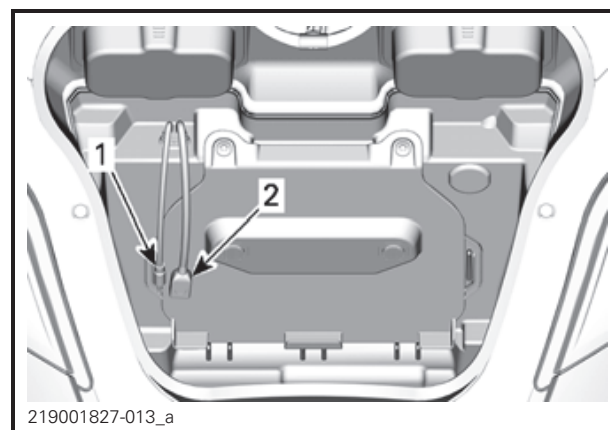
Adjustment Guidelines

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 front storage compartment.



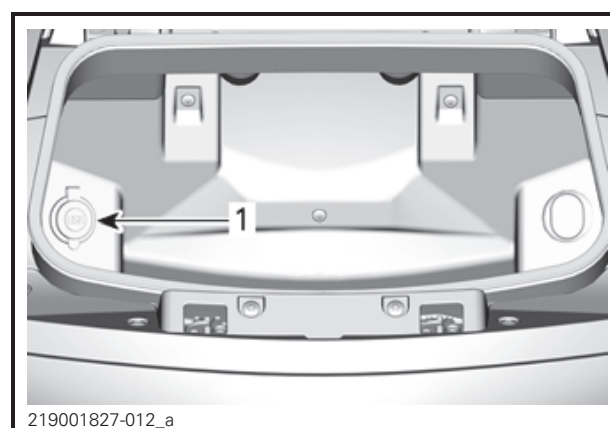
1. Audio in jack
2. USB jack

An audio player such as a CD player, iPod mobile digital device or an MP3 player can be connected in this jack to be played through the audio system. The iPod mobile digital device can be partially controlled through the RECC.

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

NOTE: An adapter (optional on some models) is required to connect the audio player to the vehicle audio jack.

The USB port located inside the top case (on applicable models) is only used to charge a smartphone. No data is transferred through the rear USB port.



1. USB port in rear top case

FOR APPROVAL ONLY

TECHNICAL INFORMATION

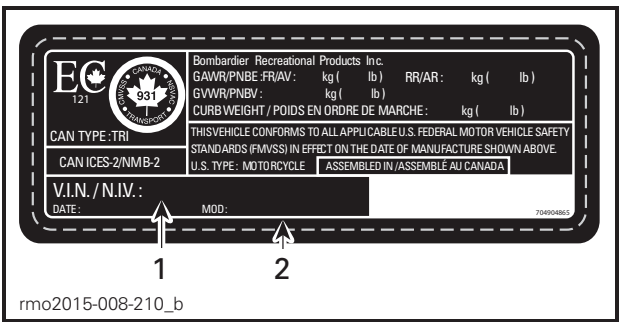
VEHICLE IDENTIFICATION

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 roadster 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.

Vehicle Identification Number

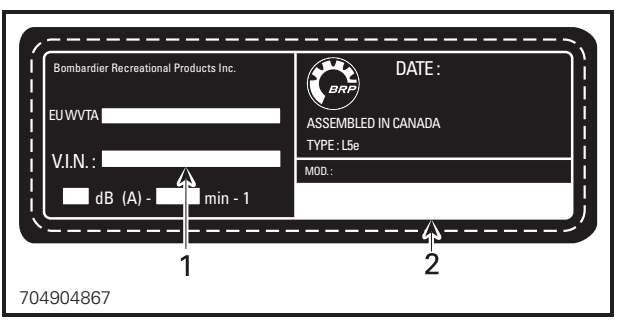
NOTE: VIN (Vehicle Identification Number) label may vary according to country.

North American Models

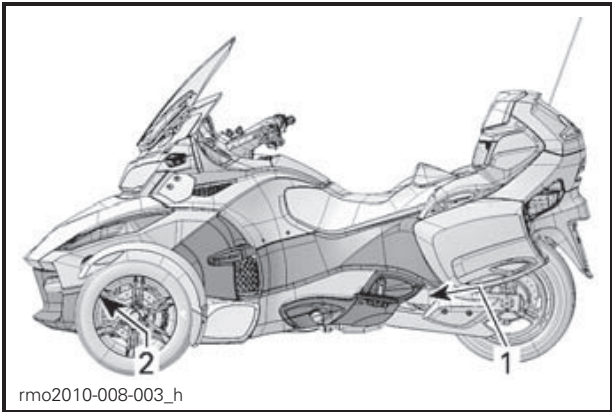


VEHICLE SERIAL NUMBER LABEL
1. VIN (Vehicle Identification Number)
2. Model number

European Models

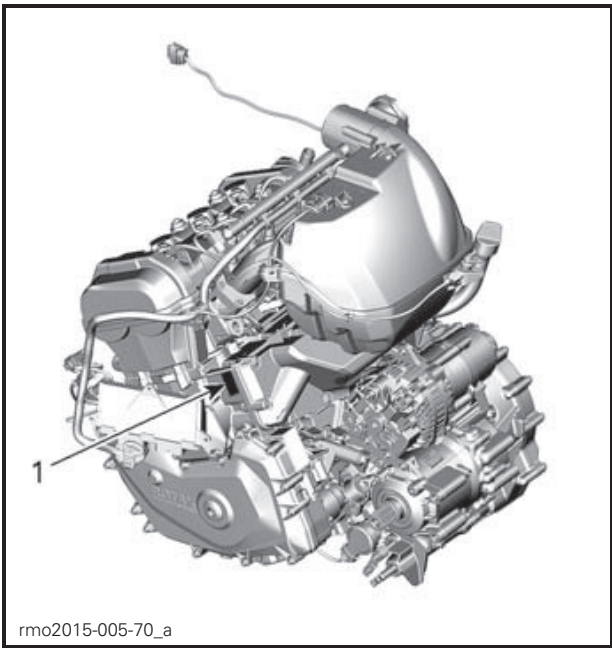


VEHICLE IDENTIFICATION NUMBER LABEL
1. VIN (Vehicle Identification Number)
2. Model number



LOCATION OF VIN
1. Swing arm (VIN label)
2. Lower frame (VIN stamped on the right side)

Engine Identification Number



TYPICAL
1. EIN (Engine Identification Number) location

FOR APPROVAL ONLY

EPA Compliance Label

FOR APPROVAL ONLY

VEHICLE EMISSION CONTROL INFORMATION	
BOMBARDIER RECREATIONAL PRODUCTS INC.	
THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO MODEL YEAR NEW MOTORCYCLES AND IS CERTIFIED TO AN HC+NOx EMISSION STANDARD OF GRAM/KILOMETER.	
See operator's guide for maintenance specifications	
RENSEIGNEMENT SUR LE DISPOSITIF ANTIPOLLUTION	
BOMBARDIER PRODUITS RÉCRÉATIFS INC.	
CE VÉHICULE EST CONFORME AUX RÈGLEMENTS DE L'EPA DES É.U. ET DE LA CALIFORNIE APPLICABLES AUX MOTOCYCLETTES NEUVES DE L'ANNÉE MODÈLE ET EST CERTIFIÉ À LA NORME D'ÉMISSIONS HC+NOx de GRAMME/KILOMÈTRE.	
Voir guide du conducteur pour les spécifications de maintenance	
Engine Displacement	Cylindrée
Engine Family	Famille de moteur
Permeation Family	Famille de perméation
Evaporation Family	Famille d'évaporation
Exhaust Emission Control System	Système de contrôle des émissions
Idle Speed	Ralenti moteur
Fuel	Essence
704904694	

VACUUM HOSE ROUTING	
ENGINE FAMILY:	EVAPORATION FAMILY:

MOTORCYCLE NOISE EMISSION CONTROL INFORMATION	
THIS , MEETS U.S. EPA NOISE EMISSION REQUIREMENTS OF dB (A) AT RPM BY THE FEDERAL TEST PROCEDURE. MODIFICATIONS WHICH CAUSE THIS MOTORCYCLE TO EXCEED FEDERAL NOISE STANDARDS ARE PROHIBITED BY FEDERAL LAW. SEE OPERATOR'S GUIDE.	
704904694	

TYPICAL - NORTH AMERICAN MODELS -
LOCATED UNDER THE SEAT

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.

FOR APPROVAL ONLY

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.

FOR APPROVAL ONLY

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

RADIO FREQUENCY MULTIFUNCTION GAUGE

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.

FOR APPROVAL ONLY

SPECIFICATIONS

FOR APPROVAL ONLY

MODEL				SPYDER RT	
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		
	Oil filter	Engine		BRP Rotax microglass fibre type, replaceable	
		Transmission/HCM		BRP Rotax multi-layer surface filter, replaceable	
	Engine oil Capacity	Oil change with new engine filter	SM6	4.5 L (4.8 qt (U.S. liq.))	
		Oil change with new engine filter	SE6	4.7 L (5 qt (U.S. liq.))	
		Oil change with new engine and HCM filters		4.9 L (5.2 qt (U.S. liq.))	
	Recommended engine oil			XPS 4-STROKE SYNTH. BLEND OIL (P/N 293 600 121) 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	SM6	Wet, multi-plate, manual operation through a hydraulic piston, vacuum assist	
		Fluid		DOT 4	
		Type	SE6	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	