



OWNER'S MANUAL

SGW570F-U3

Read this manual carefully, it contains important safety information
Minimum recommended operator age: 16

WELCOME

Thank you for buying Segway Powersports vehicle. Segway off-road vehicles will bring you a new driving experience.

For your driving safety, please read this manual before riding. This manual contains safety and operation instructions, maintenance procedures and safety warnings.

A careful reading of this manual will help you understand your vehicle and will help your driving.

Periodic maintenance procedures in this manual must be performed regularly to maintain vehicle safety.

IMPORTANT NOTICE

This vehicle is designed and manufactured for on-road use and complies with all applicable on-road noise, vibration and emission regulations.

Before driving the vehicle, please understand the local laws and regulations, choose the allowed road for driving and, abide by the local traffic regulations.

This manual describes all equipment including optional components. Therefore, some of the optional equipment described in the manual may be not installed on your vehicle.

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If your vehicle needs any service and repair matters, please contact your Segway Powersports dealer.

Visit <http://powersports.segway.com> for a list of dealers and service locations.



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BEFORE YOU RIDE

This SEGWAY vehicle is an off-road vehicle. Familiarize yourself with all laws and regulations concerning the operation of this vehicle in your area.

WARNING

Failure to follow warnings and safety precautions contained in this manual will result in severe injury or death. your SEGWAY vehicle is not toy and it can be hazardous to operate. This vehicle handles differently than cars, trucks or on-road vehicles. A collision or rollover can occur quickly, even during routine maneuvers like turning, driving on hills or over obstacles if you fail to take proper precautions.

- Read the owner's manual and understand all safety warnings, precautions and operating procedures before operating the vehicle.
- Keep this manual with the vehicle.
- Never operate this vehicle without proper instruction.
- Take an authorized training course. See the Safety Training section for more information.
- This vehicle is an **ADULT VEHICLE ONLY**. you **MUST** be at least age 16 and have a valid driver's license to operate this vehicle.
- Always keep hands, feet and all other body parts inside the vehicle at all times.

- Always wear a helmet, eye protection, gloves, long-sleeve shirt, long pants and over-the-ankle boots.
- Never operate this vehicle under the influence of drugs or alcohol, as these impair judgement and reduce the operator's ability to react.
- Complete the new operator driving procedures outlined this manual. Never allow a guest to operate this vehicle until the guest has completed the New operator driving procedures.
- Never permit anyone to operate this vehicle unless he/she has read the owner's manual, all safety labels on the vehicle and has completed a safety training.

Meaning of signs:

WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to personal injury.

IMPORTANT

IMPORTANT provides key reminders during disassembly, assembly, and inspection of components.

The Prohibition Safety Sign indicates an action NOT to take in order to avoid a hazard.



The Must Do Sign indicates an action that NEEDS to be taken to avoid a hazard.





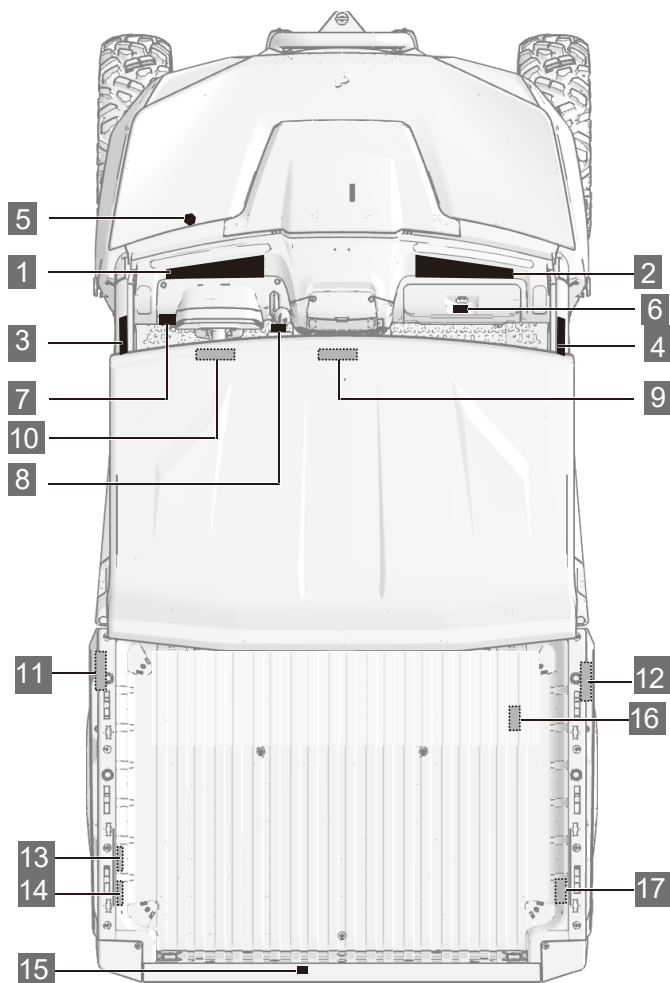
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Failure to follow the warnings and safety precautions in this manual may result in serious injury or death. It can be dangerous to operate off-road vehicles. UTV vehicles behave differently from other vehicles, such as motorcycles or automobiles. If proper precautions are not taken, a collision or rolled-over may occur even during normal maneuvers such as turning, climbing, or riding over obstacles. Understand all safety warnings, precautions and operating procedures described in this manual before operating the vehicle. Bring this manual with you.

WARNING LABELS

Warning labels have been placed on the vehicle for your safety. Read and follow the instructions on the labels carefully. If any of the labels depicted in this manual differ from the labels on your vehicle, always read and follow the instructions on the vehicle. If any label becomes illegible or comes off, contact Segway Powersports dealer for a replacement.



1

⚠ WARNING

Rollovers have caused severe injuries and death, even on flat, open areas.

Be Sure Riders Pay Attention and Plan Ahead

If you have or feel that you may lose the or call, leaving your risk of injury, always a firm grip on the steering wheel or handlebars and brace yourself. Do not put any part of your body outside of the vehicle for any reason.



Require Proper Use of your Vehicle

Do not put feet to pressure together. Do not drive on uneven or uneven terrain. Make sure operators are 18 or older with a valid driver's license. Do not let people drive or ride after using alcohol or drugs. Do not operate outside a customer's car space with another vehicle. Do not exceed seating capacity: 2 passengers.



Improper Use of this Vehicle Can Cause Severe Injury or Death

Be Prepared

At times, your body, without an approved helmet, and protective gear. Always rider must be kept in an 180° facing approved riding feet flat on the floor, and hands on steering wheel or handlebars. Stay completely inside the vehicle.

Read and understand all safety labels, locate and read owner's manual.



Drive Responsibly

Avoid usage of alcohol and rollbacks. Avoid abrupt maneuvers, sudden starting, stopping or backing up and never tilt back. Avoid hard acceleration when turning, even when going. Do not drive before wearing a turn. Plan for hills, rough terrain, ruts, and other changes in traction and terrain. Avoid uneven surfaces, avoid side hitting (riding across aisles).

2

⚠ WARNING

PASSENGER

Improper Use of this Vehicle Can Cause Severe Injury or Death

PASSENGER QUALIFICATIONS AND RESPONSIBILITIES

Be Prepared

- Fasten seat belt and make sure net or door is securely latched in place.
- Wear an approved helmet and protective gear.
- You must be able to sit with back against seat, feet flat on the floor, and hands on handlebars. Stay completely inside the vehicle.

Be Sure Riders Pay Attention and Plan Ahead

If you think or feel the vehicle may tip or roll, reduce your risk of injury.

- Keep a firm grip on handlebars and brace yourself.
- Do not put any part of your body outside of the vehicle for any reason.



Do not ride after using drugs or alcohol.

Ask the operator to slow down or stop if you feel uncomfortable when riding.






3

⚠ WARNING

Be prepared in case of rollover if the vehicle rolls over, any part of Your body (such as arms, legs, or head) outside of the vehicle can be crushed by the cage, vehicle frame, or other parts of the vehicle. Fasten safety belt and make sure net and/or door is securely latched in place to help You avoid sticking out arms or legs.

NEVER Hold the cab frame while riding.

NEVER Try to stop a rollover using Your arm or leg.

U09-L 10029-000-00




4

⚠ WARNING

Be prepared in case of rollover if the vehicle rolls over, any part of Your body (such as arms, legs, or head) outside of the vehicle can be crushed by the cage, vehicle frame, or other parts of the vehicle. Fasten safety belt and make sure net and/or door is securely latched in place to help You avoid sticking out arms or legs.

NEVER Hold the cab frame while riding.

NEVER Try to stop a rollover using Your arm or leg.

U09-L 10030-000-00

5



6

⚠ CAUTION

Storage compartment
Maximum load: 11 lbs (5 kg)

U09L10004001

7

⚠ WARNING

Turning the off road vehicle in 4WD-LOCK ("DIFF. LOCK") takes more effort. Operate at a slow speed and allow extra time and distance for maneuvers to avoid loss of control.

U09L10003001

8

⚠ WARNING

Parking:
Pull the parking brake outwards forcefully to park the vehicle.

Parking release:
Hold the parking brake handle and press the parking button, turn it clockwise and push the parking handle inward to the end, the parking brake is released, and the vehicle can be pushed at this time.



U09L10010001

9

EMERGENCY EXIT 

U06L10002004

10

This roll over protective structure meets the performance requirements of (EU) No 1322/2014 Annex VIII .

U06L11012001

11

 WARNING

- Keep hands, body, other persons away when closing bed.
- Do not operate the vehicle with bed up.

U06L10013001

12

 WARNING

- Keep hands, body, other persons away when closing bed.
- Do not operate the vehicle with bed up.

U06L10014001

13

 WARNING

- Never carry passengers in cargo box.
- Passengers can be thrown off. This can cause serious injury or death.



NEVER place gasoline, flammable or dangerous liquids container on carrier. This can lead to a fire or an explosion.

- Never exceed payload limits of vehicle.
- Reduce speed, turn gradually, and allow greater distance for braking when carrying cargo.
- Overloading or carrying tall, off-center, or unsecured loads will increase Your risk of losing control. Loads should be centered and carried as low as possible in box.
- For stability on rough or hilly terrain, reduce speed and cargo.

U06-L110003-LEN-00

14

 WARNING

IMPROPER TIRE PRESSURE OR OVERLOADING CAN CAUSE LOSS OF CONTROL. LOSS OF CONTROL CAN RESULT IN SEVERE INJURY OR DEATH.



- COLD TIRE PRESSURE:
FRONT: 10.0 PSI (70 KPA)
REAR : 16.0 PSI (110 KPA)

MAXIMUM CARGO BOX LOAD



< 272 kg (600 lbs.)

MAXIMUM WEIGHT CAPACITY
INCLUDES WEIGHT OF OPERATOR
PASSENGERS CARGO AND ACCESSORIES

< 497kg (1096 lbs.)

Read Operation and Maintenance Manual for more detailed loading information.

U06-L110002-LEN-00

15

⚠ WARNING

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

- Maximum unbraked towing mass **550 kg (1212 lb)**
- Maximum unbraked tongue mass **100 kg (220 lb)**
- Maximum inertiabraked towing mass **800 kg (1764 lb)**
- Maximum inertiabraked tongue mass **100 kg (220 lb)**

U06-L100017-000-00

16

⚠ CAUTION

The air filter must be maintained in accordance with the requirements of the Segway Owner's Manual, otherwise it may seriously damage Your engine.

U06-L100015-000-00

17

⚠ WARNING

Never carry passengers in cargo box or on tailgate. Max weight on tailgate during loading is **90kg (200lb)**.



MAX
90kg/200lb

U06-L110006-L-EN-00

SEVERE INJURY OR DEATH

Can result if you do not follow these instructions:

- Minimum recommended age for driving this vehicle is 16 years.
- Never operate this vehicle without wearing an approved motorcycle helmet that fits properly.
- Wear eye protection (goggles or a face shield), gloves, over-the-ankle boots, long-sleeved shirt or jacket, and long pants.
- Never consume alcohol or drugs before or while operating this vehicle.
- Never attempt jumps, donuts and other stunts.
- Never operate at speeds too fast for your skills or the conditions. Always go at a speed that is proper for the terrain, visibility, operating conditions, and your experience.
- Always inspect your vehicle each time you use it to be sure it is in safe operating condition.
- Never operate on excessively rough, slippery, or loose terrain until you have learned and practiced the skills necessary to control the vehicle on such terrain. Always be cautious on these kinds of terrain.
- Always follow the inspection and maintenance procedures as well as the schedules described in this manual.
- Never operate on hills that are slippery or ones where you will not be able to see safely far enough ahead of you. Never go over the top of a hill at speed if you cannot see what is on other side.
- Always keep both hands, arms, feet, and legs inside the vehicle during operation. Keep your feet on the floor. Never hold onto the enclosure, otherwise you could be injured.

- Always keep both hands on the steering wheel when driving.
- Always go slowly and be careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when driving the vehicle.
- Never wrap your thumbs and fingers around the steering wheel. This is particularly important when driving in rough terrain. The front wheels will move right and left as they respond to the terrain, and this movement will be felt in the steering wheel. A sudden jolt could wrench the steering wheel around, and your thumbs or fingers could be injured if they are in the way of the steering wheel spokes.
- Never turn at excessive speeds. Practice turning at slow speeds before attempting to turn at faster speeds. Do not attempt turns on steep inclines.
- Always follow proper procedures for going uphill. If you lose control and cannot continue up a hill, back down the hill with the engine in reverse gear. Use engine braking to help you go slowly. If necessary, use the brakes gradually to help you go slowly.
- Never operate the vehicle on hills that are too steep. Go straight up and down hills where possible.
- Never operate the vehicle in fast flowing water or water deeper than the floorboards on this model. Remember that wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply the brake several times to let friction dry out the brake linings.
- Always be sure there are no obstacles or people are behind you when you operate in reverse. When it is safe to proceed in reverse, go slowly.
- Always check terrain before going down hills. Go as slowly as possible. Never go down a hill at high speed
- Always check for obstacles before operating in a new area.

- Do not brake abruptly when carrying loads in the cargo bed.
- Always use the size and type of tires specified in this manual.
- Always maintain proper tire pressure as described in this manual.
- Never exceed the stated cargo load capacity. Cargo should be as far forward in the bed as possible, and distributed evenly from side to side. Be sure cargo is secured so that it cannot move around during operation. Reduce your speed and follow the instructions in this manual for carrying cargo or pulling a trailer. Allow a greater distance for braking.
- Brakes can be overheated after continuous braking. Allow brakes to cool down.
- Avoid the risks from contacts with hot surfaces, including risks when filling engine oil or coolant into hot engine or gearboxes.
- Exhaust system is very hot during and after the ride. Hot surfaces can cause burns and fire. Do not touch hot exhaust system components. Always keep combustible materials away from the exhaust system.
- Use caution when riding through tall grass, especially dry grass. Always inspect the underside of the vehicle and areas near the exhaust system after driving through tall grass, weeds, brush, and other tall ground cover. Promptly remove any grass or debris clinging to the vehicle.

IMPORTANT SAFETY INFORMATION

READING THE MANUAL

WARNING

Driving this vehicle improperly increases the risk of accidents. The driver must know how to drive the vehicle correctly in different situations and on different terrains.

Before driving the vehicle, all drivers must complete the required driving safety training. Please ensure that each driver has read this manual and all product warning labels and has passed the safety training course. Otherwise, the vehicle will not be allowed to drive.



SAFE DRIVING AGE

⚠ WARNING

The minimum recommended driving age for this vehicle is 16 years. Children under the age of 16 must not drive this vehicle. Not to drive the vehicle without proper driving training. Training courses are required. Please ensure that each driver has read this manual and all product labels and has completed a safety training course.



RIDING EQUIPMENT

WARNING

For your safety, we strongly recommend that you always wear an approved motorcycle, eye protection, boots, gloves, long pants and a long-sleeved shirt or jacket whenever you ride.

Although complete protection is not possible, wearing proper gear can reduce the chance of injury when you ride.

Helmet

Wearing a helmet can prevent head injuries. At all times, you must wear a helmet that meets basic safety standards when driving. The ECE mark consists of a circle around the letter E, followed by the approved area codes for different countries. The approval number and serial number are also displayed in the label.

Riding Gear

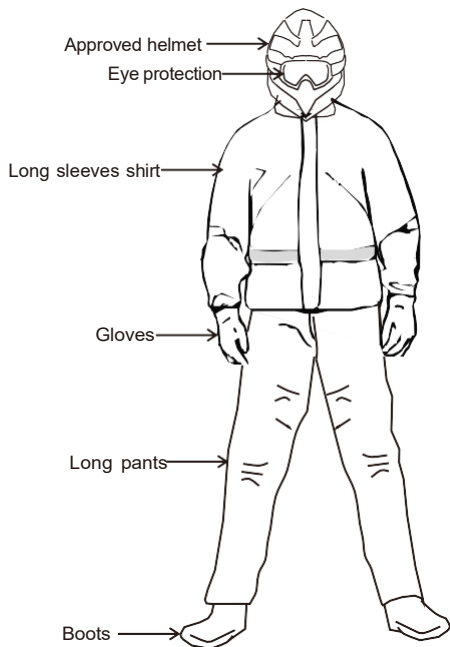
Sturdy on-road motorcycle boots to protect your feet, ankles and lower legs.

Motorcycle gloves will help protect your hands.

It is recommended to wear riding pants with knee and hip protectors, a riding jersey with padded elbows and a chest/shoulder protector.

⚠ WARNING

Always wear an approved motorcycle helmet, eye protection, gloves, a long-sleeved shirt or jacket, long pants and over-the-ankle boots. Appropriate clothing reduces the possibility of injury.



USING ALCOHOL OR DRUGS

⚠ WARNING

Operating this vehicle after consuming alcohol or drugs could adversely affect operator judgment, reaction time, balance and perception.

Never consume alcohol or drugs before or while operating this vehicle.



VEHICLE MODIFICATIONS

⚠ WARNING

Do not attempt to increase vehicle speed or use any equipment that increases the power of the vehicle. If any equipment is added to the vehicle, or if any modifications are made to the vehicle to increase vehicle speed or power, the vehicle warranty is terminated. Adding of certain parts may change the handling of the vehicle, including (but not limited to) mowers, sledges, tires, sprayers, or large luggage racks.



PASSENGERS

WARNING

Do not carry passengers unless you have operated the vehicle for at least 2 hours and have completed the new operator driving instructions outlined on page 64. Passengers must always sit in the passenger seat with the seat belts fastened. Carrying more than one passenger in a two-seater vehicle affects the operator's ability to control the vehicle, which increases the risk of accident or rollover.



CONTACT WITH EXHAUST

⚠ WARNING

Engine exhaust is toxic and can cause loss of consciousness or death in a short time. Do not start or run a motor in a closed areas. The engine exhaust of this vehicle contains chemicals that cause cancer, birth defects or other reproductive damage, and you can only drive it outside the room or in a well-ventilated place.



SEAT BELTS

Riding in this vehicle without wearing the seat belt may increase the risk of serious injury in the event of rollover, loss of control, other accidents, or sudden stop. Seat belts may reduce the severity of injury in these circumstances. The operator and passengers must wear the seat belt at all times.



CAB NETS / DOORS

Riding in this vehicle without closed and latched doors / nets increases the risk of serious injury or death in the event of an accident or rollover. Always make sure that all doors / nets are closed and latched when driving this vehicle. Door nets are not intended to be used as arm rests. Always keep hands and feet inside the vehicle.



LOADING THE VEHICLE

The weight of cargo and passengers affects the handling and stability of the vehicle. For your own safety and the safety of others, think carefully about how to safely operate the vehicle when loaded with passengers and cargo. Follow the instructions in this manual for loading, tire pressure, gear change and speed.

- Maximum loading capacity of the vehicle is mentioned in this manual and on the vehicle labels. As more passenger weight is added, the cargo weight may need to be reduced accordingly. Do not exceed the vehicle's weight capacity.
- Recommended tire pressures are listed in the instruction section of this manual and on the vehicle label.

Always follow these guidelines:

In these conditions:	Do all of these steps:
Operator and/or cargo weight exceeds half of the maximum weight capacity	1. Slow down. 2. Check tire pressure. 3. Use extra caution when riding
Operating in rough terrain	
Operating over obstacles	
Climbing	
Towing a trailer	

NO PASSENGERS IN THE CARGO BOX

Passengers in the cargo box may fall over or get hit. Passengers in the cargo box may also cause the vehicle to overturn or collide, which may cause injury or more serious accidents. Never carry passengers in the cargo box. Passengers must be seated in passenger seats with fixed seat belts.



OPERATING ON PAVED SURFACES

The tires of this vehicle are designed for off-road use only, not for use on paved roads. Operating this vehicle on paved roads (including sidewalks, paths, parking lots and driveways) may adversely affect handling of the vehicle and may increase the risk of loss of control and accidents or rollover. Avoid operating the vehicle on paved roads. If it's unavoidable, drive slowly and avoid sudden turns or stops.

OPERATING ON PUBLIC ROADS

Operating this vehicle on public streets, highways or highway could result in a collision with another vehicle. When operating on public roads, including dirt and gravel roads, ride with extreme caution.

OPERATING AT EXCESSIVE SPEED

Operating this vehicle at excessive speeds increases the operator's risk of losing control. Always operate at a speed that's appropriate for terrain, the visibility, operating conditions and your skills and experience.

TURNING IMPROPERLY

Turning improperly could cause loss of traction, loss of control, accidents or rollover. Always follow proper procedures for turning as described in this owner's manual.

Avoid sharp turns. Never turn while applying heavy throttle. Never make abrupt steering maneuvers. Practice turning at slow speeds before attempting to turn at higher speed.

JUMPS AND STUNTS

Exhibition driving increases the risk of an accident or rollover. DO NOT do power slides, "donuts", jumps or other driving stunts. Avoid exhibition driving.

IMPROPER HILL CLIMBING

Improper hill climbing could cause loss of control or rollover. Use extra caution when operating on hills. Always follow proper procedures for hill climbing as described in this manual.

DESCENDING HILLS IMPROPERLY

Improper descending a hill could cause loss of control or rollover. Always follow proper procedures for traveling down hills as described in this owner's manual.

CROSSING HILLSIDES

Driving on a sidehill is not recommended. Improper operation could cause the loss of control or rollover. Avoid crossing the side of any hill unless absolutely necessary. If crossing a hillside is unavoidable, always follow proper procedures as described in this owner's manual.

FUEL SAFETY

Gasoline is very flammable under certain conditions

- Be extremely careful when handling gasoline.
- When refueling, the engine must be switched off and refueling must be done outdoors or in a well-ventilated area.
- No smoking, no open flames and no sparks when refueling. No smoking, no open flames and no sparks at or near the gasoline storage location.
- Do not overflow fuel tank - do not fill the tank up to the filler neck.
- If gasoline gets on your skin or clothes, wash them with soap and water immediately and change clothes.



YOUR VEHICLE

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VEHICLE ACTIVATION

This vehicle is equipped with the T-BOX system for communication between vehicle and mobile APP, to obtain vehicle information and control the vehicle via your mobile phone. This is an optional system. In order to make you familiar with this system, please read the user's manual carefully to understand its operation and other information.

NOTICE

If equipped with T-BOX, before the first use, new vehicle can be activated only through the Segway Powersports application. If the T-Box is not activated, vehicle speed will be limited to 30 km/h.

Download the Segway Powersports application from “Apple Store®” or “Google Play® store” into your mobile phone before you try to activate your vehicle by the APP for the first time. Search in your mobile phone for “**Segway Powersports**” application in “Apple Store®” or “Google Play® store”, then download the APP as usual.

After successful installation of the APP, your vehicle will be registered and activated. First, find the VIN number on the vehicle and register it into the APP. The registration procedure is as follows:

1. Power on the vehicle with the mechanical key.

Input or scan vehicle VIN number according to APP registration prompts, and step on the vehicle brake at the same time.

Note: If the VIN number cannot be scanned by your phone due, for example, to the low light, you can try to enter the VIN number manually. The vehicle VIN number is either on the vehicle frame (Page 148) or on the vehicle Identification plate (Page 149).

2. Click “**CONFIRM**” to complete the vehicle registration.
3. Click “**START**” to start the engine.

FIRST ACTIVATION

There are three ways to activate your vehicle:

1. **Mechanical key** (preferred)
2. **APP remote unlock vehicle**

Remote unlocking via the APP is based on the mobile data network. As long as the area is covered by the mobile data network, you can use remote unlock function in the APP to activate the vehicle.

3. **Activation via Bluetooth**

When both the vehicle and the mobile phone are on, within the effective connection distance of the Bluetooth signal, the vehicle Bluetooth module will automatically unlock the vehicle after acquiring the mobile phone Bluetooth signal, and automatically lock the vehicle when the mobile phone is far away.

NOTICE

After switching the vehicle off with the mechanical key, the vehicle cannot be activated again by the phone. To activate the vehicle, you need to disconnect the phone and reconnect it to the vehicle.

Mechanical key unlocking is preferred activation method. If you don't want to use the remote activation function, you can turn this option off in the APP.

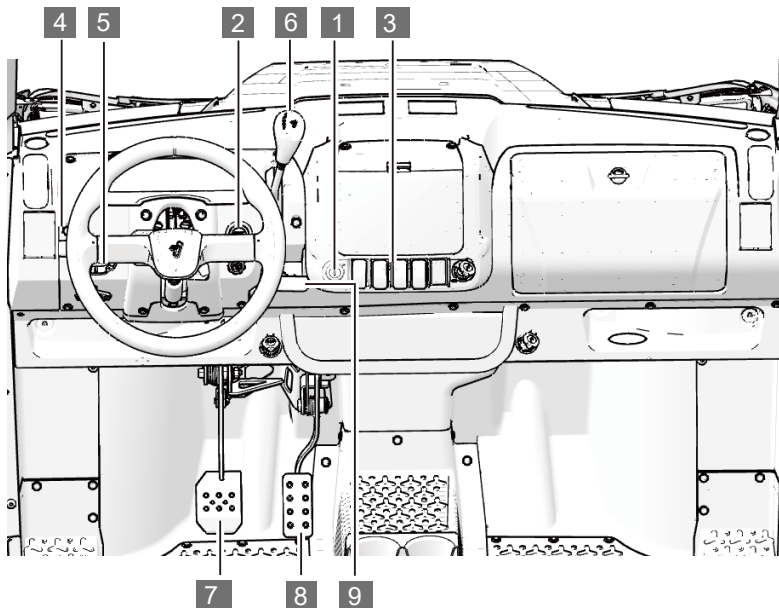
SEGWAY POWERSPORTS APPLICATION

“**Segway Powersports**” application is designed for users of Segway Powersports vehicles.

Main Features: Driving control analysis, vehicle data analysis, etc.

For further information see the APP User manual.

FEATURES AND CONTROLS



1 Ignition Switch

2 Start switch

3 Switches

4 Lights switch

5 2WD/4WD switch

6 Gear Shift Lever

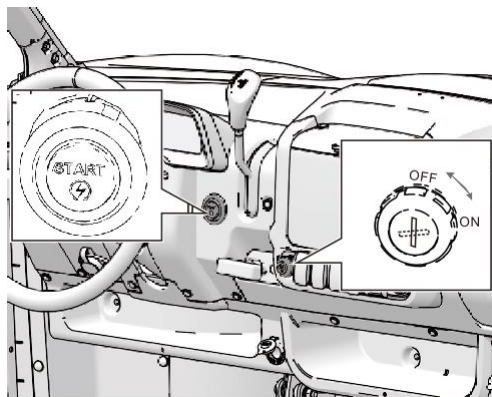
7 Brake pedal

8 Accelerator pedal

9 Parking brake

IGNITION SWITCH / START BUTTON

VARIANT 1:



Ignition Switch

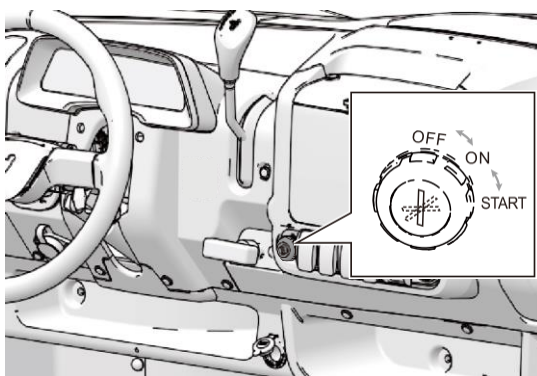
Turn the key to the "ON" position: the vehicle is activated and all electrical systems can be used.

Turn the key to the "OFF" position: All electrical circuits are off and the engine stops. The key can be removed from the switch.

Start Button

Turn the key to the "ON" position, press the start button "⚡" for 1.5 - 2 seconds. Engine will start. (When starting, do not exceed 4 seconds for one attempt).

VARIANT 2:

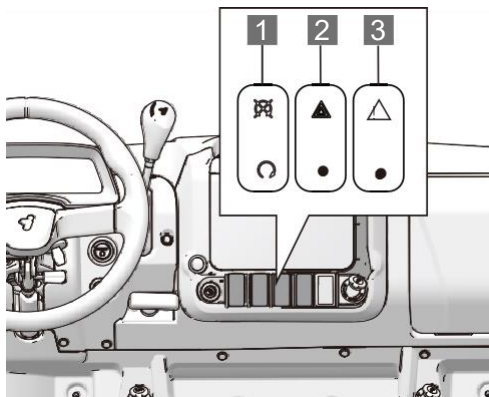



Turn the key to the "ON" position: the vehicle is activated and all electrical systems can be used.

Turn the key to the "Start" position without loosening it. Start for 1.5 - 2 seconds to start the engine. After engine starts, release the key. After releasing, the key will automatically return to "ON" position. (When starting, do not exceed 4 seconds for one attempt).

Turn the key to the "OFF" position: All electrical circuits are off and the engine stops. The key can be removed from the switch.

SWITCHES



**1** Engine On/Off**2** Warning flashers**3** Override Switch**Engine On/Off Switch**“”: Engine Stop“”: Engine Run/Start**Starting the engine**

1. Step on the brake pedal and select "P" or "N" gear.
2. Turn the ignition key into "ON" position.
3. Press the Engine On/Off Switch to “” position.
4. Press the "Start" button for 1.5-2 seconds (no more than 4 seconds). The engine will start.

Stopping the engine

1. Put the shift lever in the "P" position and apply parking brake.
2. Press the Engine switch to "  " position, and the engine will stop.

Hazard switch

Press the switch to "  " position to activate hazard warning lights in emergency, press the switch to "  " position to switch hazard lights off. The flashers are flashing when the hazard switch is on.


"  ": Hazard lights on.

"  ": Hazard lights off.

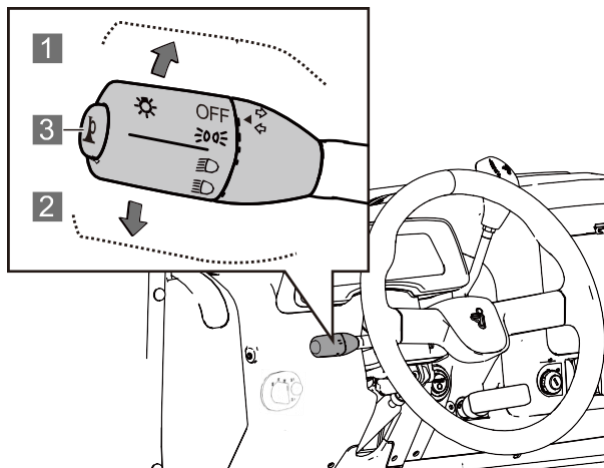
Use this switch in an emergency, when:

- Temporary parking the vehicle
- The vehicle has failure.
- You encounter other emergency situation.

Override Switch

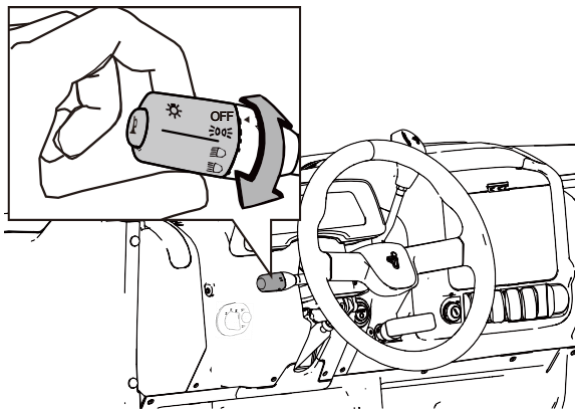
"  ": Temporarily disables the speed limiter when operating in reverse or in 4WD-LOCK mode (30 km/h limit).

COMBINED SWITCH



- 1** Push the lever up to activate the right turn signals; the right turn indicator flashes on the display.
- 2** Push the lever up to activate the left turn signals; the left turn indicator flashes on the display.
- 3** Press to sound horn.

HEADLIGHTS SWITCH



As shown in the picture, turn the end of the switch to activate the lights:

“☰☑” : Front position lights, tail lights, license plate lights and dashboard controls are on.

“☰D” : Turn the switch to this position to select low beam.

“☰D” : Turn the switch to this position to select high beam.
High beam lamp on the instrument panel is on.

“OFF” : Turns the headlights off, daytime running lights are on.

“📢” : Horn switch.



2WD / 4WD DRIVE SWITCH





NOTICE

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



2x4 Mode

When the switch is turned to "  " position (rear-wheel drive), vehicle is driven only by the rear wheels, and front wheels have no power output. The two-wheel drive symbol  " is displayed on the LCD display.

4x4 Mode

When the switch is turned to "  " position (all-wheel drive), power is supplied to the rear and front wheels. The four-wheel drive symbol "  " is displayed on the LCD display. This mode is used for muddy terrain, mountainous areas and bad road conditions.

4x4 Front differential lock mode

When the switch is turned to "  " position, the 4WD Lock symbol "  " is displayed on the LCD screen. With locked front differential, power is supplied to the rear and front wheels, and the left and right front wheels have the same speed and power. When the front differential is locked, vehicle speed is limited to 30 km/h. This mode should only be used to get the vehicle out of trouble.

Note:

The speed limiter can be temporarily overridden by long pressing the override switch.

Rear differential lock mode (if equipped)



"  ": Button pops up: rear axle differential mode off.



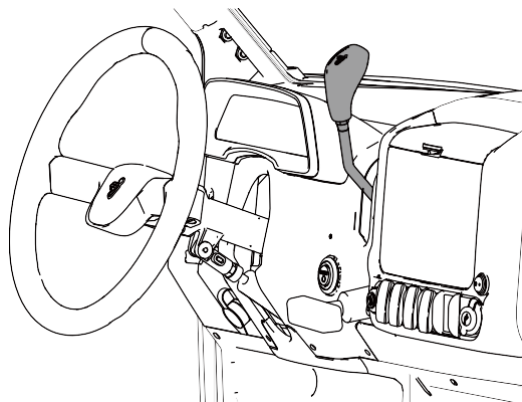
"  ": Button pressed: Rear axle differential mode on.

WARNING

In the four-wheel drive lock mode, all four wheels rotate at the same speed, making it difficult for the vehicle to steer.
Use this mode with caution.

GEAR SHIFT LEVER

The shift lever is located on the right side of steering wheel. After selecting the gear, check the symbol on the LCD screen ensuring that selected gear has been properly shifted.



L Low speed

H High speed

N Neutral

R Reverse

P Parking

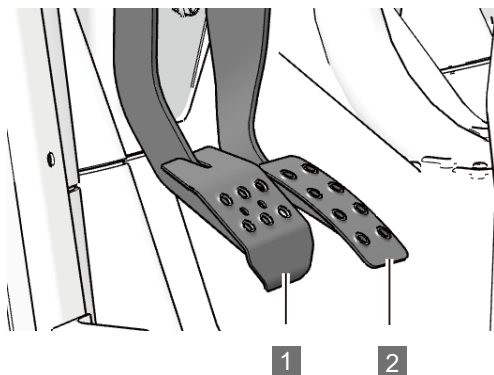
⚠ CAUTION

If you will travel in speeds below 20 km/h for more than 10 minutes, be sure to use the Low speed gear ("L").

The transmission will be damaged when you change shift gear if the engine is running over the idle speed or if the vehicle is moving.

Place the transmission into Parking gear ("P") and lock the parking brake when you dismount and leave the vehicle.

BRAKE AND ACCELERATOR PEDAL



1 Brake pedal

2 Accelerator pedal

Brake pedal

Press the brake pedal to select gear, reduce speed, or stop the vehicle. Use the brake pedal when you start the engine.

To slow down or to stop, press the brake pedal with your right foot.

The brake pedal is spring loaded and should return back to the rest position after releasing.

Accelerator pedal

To increase or maintain speed, press the accelerator pedal with your right foot. To decrease speed, release the accelerator pedal.

The accelerator pedal is spring loaded and should return to the rest position (idle) after releasing.

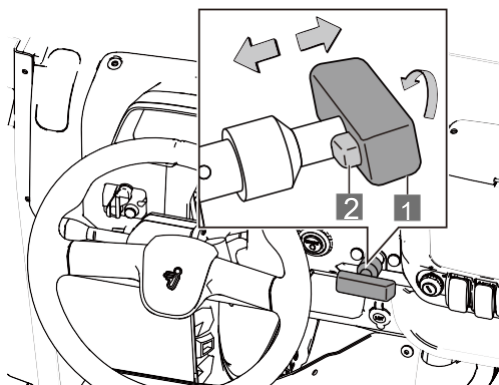
Always check that the accelerator pedal returns normally before starting the engine

⚠ CAUTION

If the accelerator pedal and the brake pedal are applied simultaneously at the same time, the engine power may be limited.

PARKING BRAKE

Whenever you are leaving the vehicle, be sure to set the parking brake.



1 Parking brake handle

2 Parking brake release button

To set the parking brake:

When parking, park the vehicle on a suitable place, step on the brake pedal to make the vehicle standstill, then hold the T-shaped parking brake handle with your hand, pull it up hard towards you. Then you can release the brake pedal. Check, if the vehicle is properly parked.

To release the parking brake:

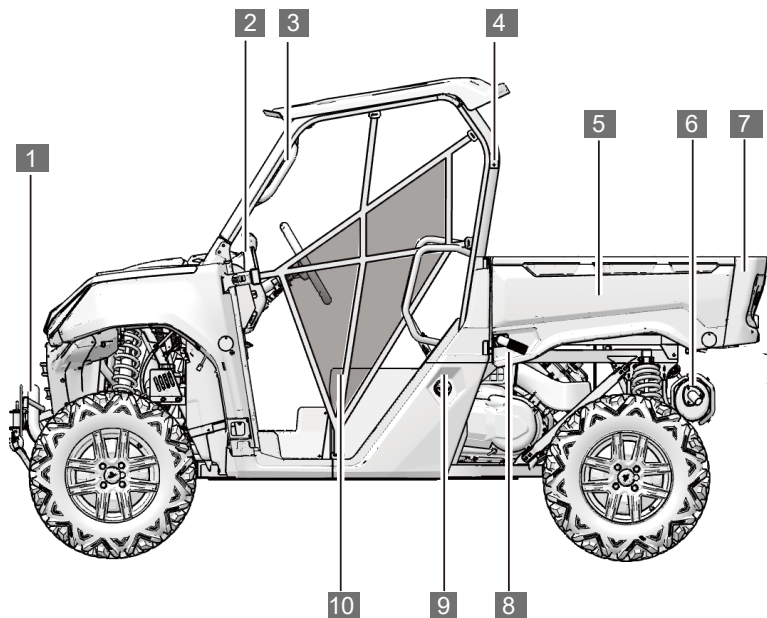
Press the parking brake release button with your index finger, rotate the T-shaped handle 90 degrees clockwise, and push the parking brake handle fully in to its initial position.

 WARNING

When leaving the vehicle, the parking brake must be on.

FEATURES

LOCATION OF COMPONENTS



1 Front bumper

4 ROPS cage

7 Tailgate

9 Fuel tank cap

2 Instrument panel

5 Cargo Box

8 Cargo box release lever

10 Cab Net/Side doors

3 Passenger handrails

6 Muffler

INSTRUMENT PANEL / LCD DISPLAY

The instrument panel provides the operator with the vehicle information, and the driver should understand the meaning of the various indicators, warning lights and display content information on the instrument table, to understand the vehicle status.

NOTICE

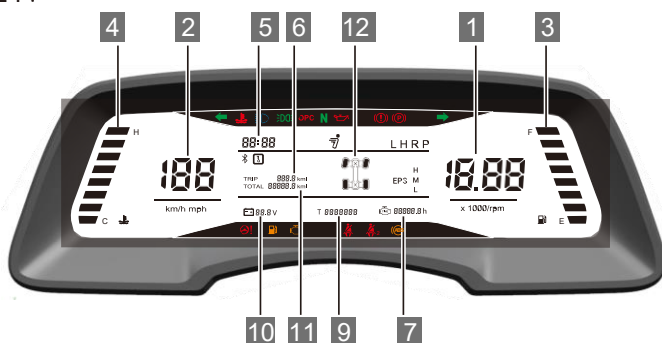
Using high-pressure water cleaner may damage the instrument panel.
Do not use alcohol or aggressive cleaning agents to clean the LCD display. Corrosive liquids will damage the instrument panel or LCD display surface.

INDICATOR LIGHTS / WARNING LIGHTS

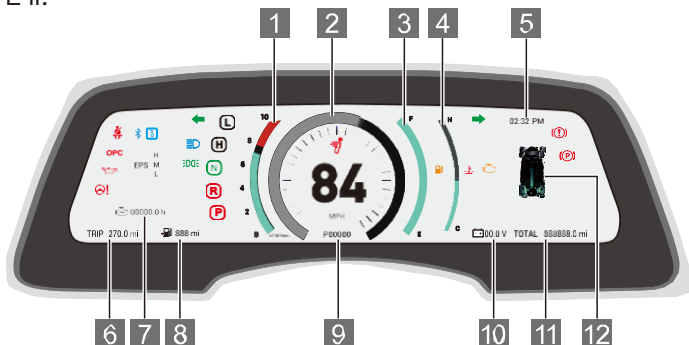
The vehicle may be equipped with different instrument panels with slightly different displays, depending on vehicle model.

When the ignition lock switch is turned to "ON", the instrument panel will be illuminated and all warning lights will illuminate briefly as self-check.

TYPE I :



TYPE II:



1 Engine RPM meter

Displays actual engine rpm.

2 Speedometer

Displays the vehicle speed.

3 Fuel gauge

E: Low fuel **F:** Full tank

Shows the fuel level in the fuel tank. When the last segment clears, the low fuel warning is activated. All segments including the fuel symbol will flash. Refuel immediately.

4 Engine temperature

Shows the engine water temperature.

C: Engine temperature is low **H:** Engine temperature is high

5 Clock

After connecting the vehicle to the "Segway Powersports" APP, the clock will automatically synchronize to the local time.

6 Trip meter

Shows mileage since last time the trip meter was reset.

7 Engine Running Time

Display total engine running time.

8 Fuel Range

Displays the mileage that can be traveled with the remaining fuel in the tank.

9 Fault Code Display

In case of partial failure of the vehicle, the fault code is displayed in this area. For detailed description of fault codes see page 155.

10 Battery Voltage

Displays the actual voltage of the vehicle battery.

11 Total Mileage

Displays the total mileage ridden by the vehicle.

12 4x4 Switch & Differential Lock

2x4 mode



4x4 mode



4x4 front axle lock mode



2x4 mode (with rear differential lock)



















4x4 mode (with rear differential lock)

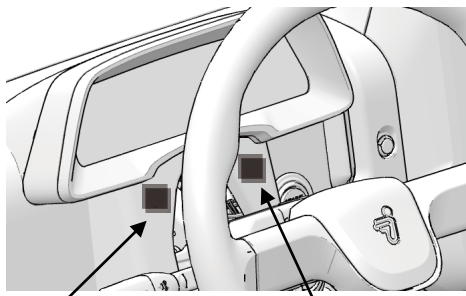


4x4 lock mode (with rear differential lock)

Indicator lights / Warning indicators

Light	System	Status
 	Seat belt indicator light	This light reminds the operator to ensure all drivers have fastened their seat belts before ride. Moreover, the driver's seat belt is equipped with a safety function. If the rider's seat belt is not fastened, the vehicle speed is limited to 24 km/h.
	Oil Pressure	This light comes on when the oil pressure is low.
	EPS Power Steering	Indicates a failure in EPS system (if equipped).
	Leaving seat alarm (if equipped)	When the driver leaves the driver's seat and parking brake is not applied, the OPC light will be on and the buzzer will sound.
	Neutral	This light comes on (green) when the gear is in neutral.
	Brake system warning light	<ul style="list-style-type: none"> • Low brake fluid level • Fault in the brake system

Light	System	Status
	Parking brake indicator	This light comes on when the parking brake is applied.
	Engine Failure	This light is on, when there is a problem in Emission control system or in the Engine electronic control system.
	High coolant temperature warning light	This light goes on when the engine coolant temperature is too high. When this light is on and alarm sounds, immediately stop the vehicle and turn the engine off. After cooling to normal temperature, you can continue driving.
	High beam	This indicator light is on when the headlamp is set to High beam.
	Position light	Front lights, tail lights, license plate light and instrument panel are on.
	Left Turn signal	This indicator light is lit when the left turn signals are on.
	Right turn signal	This indicator light is lit when the right turn signals are on.
	Bluetooth	This indicator lights up when the vehicle's Bluetooth is paired with the phone.
	Remote Power On	This indicator light is on when the APP in the mobile phone is connected.
LHRP	Selected gear	L Low gear H High gear R Reverse gear P Parking gear
H M L	EPS mode	H - Comfort mode, high steering assistance M - Normal mode, medium steering assistance L - Low steering assistance



DISPLAY SETTING

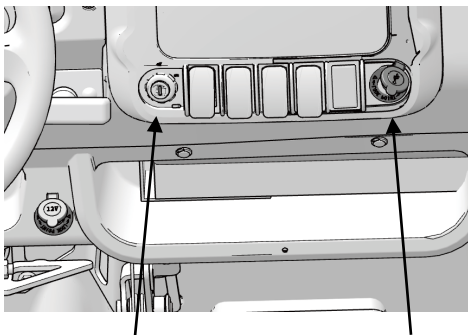
Left button (MODE)

Right button (SELECT)

Function	Left button	Right button	Display
Display brightness adjustment	Short press		Adjust backlight brightness (default: brightest)
Trip meter clear	Long press		Resets the trip meter
EPS assistance setting		Short press	EPS level. Selected mode is displayed (M, H, L)
EU / US units (this function is not available when the vehicle has a T-BOX)		Long press	Metric (European) units / imperial (US) units select
Clock settings (This function is not available when the vehicle has a T-BOX)	Long press	Long press	Hour digit flashing
	Short press		Hours +1
		Long press	Hours continuously +1
	Short press		Minute digit flashing
		Short press	Minutes +1
		Long press	Minutes continuously +1

12V SOCKET / USB PORT

This vehicle is equipped with two 12V power sockets, 12V power outlet and a USB port, located in the central panel.



12V Accessory outlet

USB port

12V socket is used to supply 12V devices rated maximum 10A.

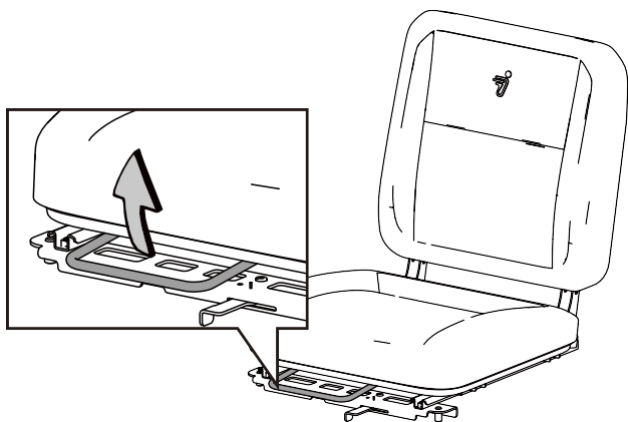
Maximum output power: 120W

These power sockets are on when the ignition lock is in "ON" position.

DRIVER SEAT ADJUSTMENT

The driver's seat can be adjusted forward and backward. Before starting the vehicle, the driver can adjust the seat according to his preferences. The seat should be adjusted so that the driver's back will comfortably fit with the seat back, and the driver's foot can reach the brake and accelerator pedals.

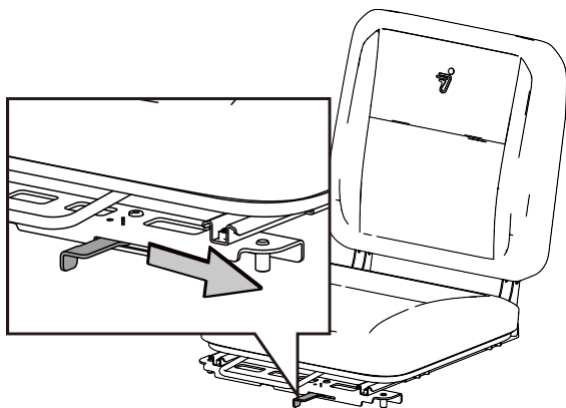
There is a U-shaped seat adjusting handle at the front of the seat. Pull this handle upwards and slide the seat forward or backward to the desired position. After releasing the handle, the seat will automatically lock in the new position.



Seat adjusting handle

DRIVER'S SEAT REMOVAL /INSTALLATION

Driver seat removal



Seat lock lever

1. Move the seat lock lever to the right.
2. Gently pull the seat forward, and disconnect the OPC cable connector under the seat.
3. Remove the seat from the vehicle.

Driver seat installation

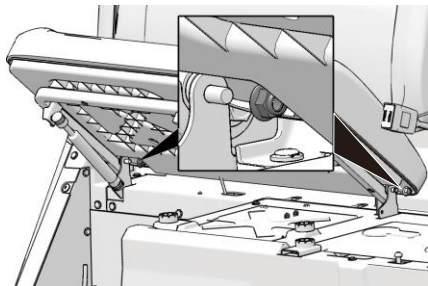
1. Reconnect the OPC cable connector under the seat.
2. Insert the two fixing pins behind the seat into the hooks.
3. Move the seat lock lever to the left to lock the seat.

After installation, check if the seat is properly installed to ensure the driver's safety.

PASSENGER SEAT REMOVAL

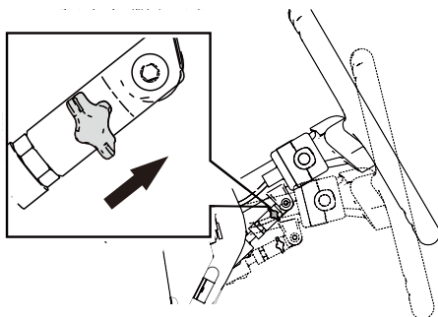
Passenger seat removal

Lift forcefully the front of the passenger's seat upwards, and then remove the M8 nuts on the left and right sides behind the passenger seat. Remove the seat. There is a vehicle 12V battery under the passenger seat.



STEERING WHEEL ADJUSTMENT

The steering wheel can be tilted up or down to meet the driver's preferences.



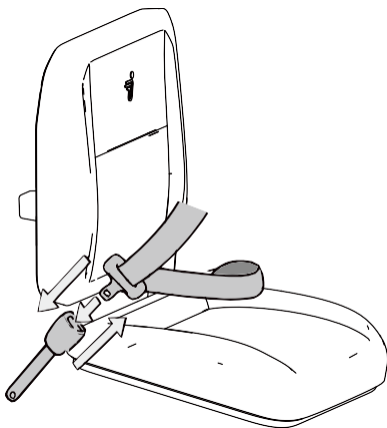
Steering wheel adjustment:

Raise the steering column adjustment lever toward the steering wheel, but do not release it. Use the other hand to move the steering wheel up or down to the preferred position, hold the steering wheel in this position, and release the adjustment lever.

After adjusting the steering wheel angle, check if the steering wheel is firmly secured.

⚠ WARNING

Do not adjust the steering wheel while driving.
Otherwise, it may cause the driver from driving and cause an accident, which may result in serious injury or death.

SEAT BELTS

Immediately after getting in the car, fasten the seat belts as soon as possible. The seat belt can effectively protect the driver and passengers in the event of an accident, and can reduce the risk of injuries. Please fasten the seat belt before every ride.

To fasten the seat belts:

- ◆ Stretch the shoulder buckle so that it covers the entire shoulder, but do not touch the neck or slipping off the shoulder.
- ◆ Place the waist buckle as low as possible across the hip.
- ◆ Sit up straight with your back against the seat.
- ◆ Do not twist the seat belt.

Insert the lock tab into the buckle until you hear a click securing the seat belt.

To release the seat belts:

Press the release button to release the seat belt.

CAUTION

Before every ride, check that all seat belts are working properly.

- 1. Push the latch plate into the buckle until it clicks.**
- 2. Pull out each seat belt and check for any damage, including cutting, grinding, damage, wear or stiffness. If any damage is found, contact Segway Powersports dealer for replacement.**
- 3. Clean the dirt or debris from the seat belt, wipe the belt with mild soap and water. Never use bleach, dyes or household detergents.**

SIDE DOORS / SAFETY NETS

Whether your vehicle is equipped with a side doors or a safety nets, the door must be closed before driving, or safety nets must be secured.

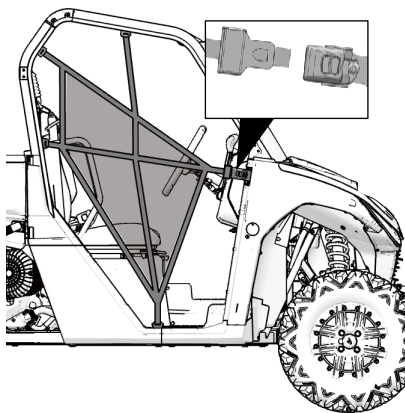
In the event of an accident or rollover, the risk of serious injury or death will increase without closing or locking the doors / nets.

Before every ride, be sure to check the wear and tear of the doors, door latches or safety nets and their locks.

Replace any worn or damaged parts immediately. New parts can be obtained from your authorized Segway Powersports dealer.

Safety Nets

Before each use, be sure to check the wear and damage of the side doors, door latches, safety nets, and locking buckles.



Securing the safety net

Insert the safety net lock latch into the fixing point.

Opening the safety net

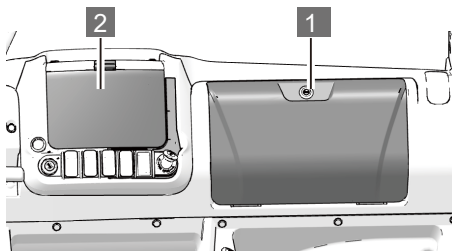
Loosen front lock latch of safety net before leaving the seat.

STORAGE BOX

1 Front storage box

The tool kit is stored in this box.

2 Central storage box / or central LCD screen (according to your model).



⚠ WARNING

Keep the storage box closed during the ride. You can be possibly hurt by the objects in the storage box, or if you open it when emergency braking or turning, resulting in accident.

FUEL TANK CAP

⚠ WARNING

Always use only the fuel specified for your vehicle. Do not smoke when refueling as you may ignite the fuel and cause fire. Do not touch other persons or objects with static electricity. This may cause spark to build up and ignite the fuel. Do not overfill the fuel. Do not spill the fuel when filling.

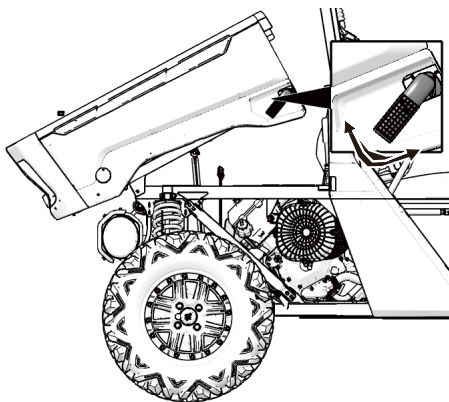
1. Open the fuel tank cap by turning in direction "OPEN".
2. Refuel the vehicle with the recommended fuel. Do not overfill.
3. Close the fuel cap by turning in direction "CLOSE".

TILTING THE CARGO BOX

The cargo box is tiltable. Engine, spark plugs and air filter are located under the cargo box.

The cargo box release levers are on both sides of the vehicle. Lift any release lever up (turn it upwards) to dump the cargo box.

The cargo box will slowly tilt backwards and will stop automatically when it reaches the limit.



Lowering the cargo box

From the left or right side press the cargo box down with force. When you hear a click, the cargo box is locked in its original position.

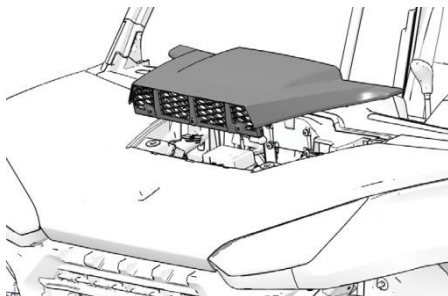
NOTICE

If you want to dump the cargo box and unload the cargo, first open the cargo box tailgate.

FRONT MAINTENANCE COVER

Hold the front maintenance cover with both hands and pull it up forcefully to open it.

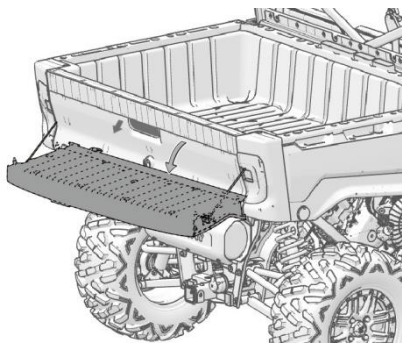
The fuse box and coolant filling cap are located under the front maintenance cover.



CARGO BOX TAILGATE

To open: Move the handle in the tailgate panel upwards and open the tailgate.

To close: Lift the tailgate upwards and push it firmly in place. When you hear a click, the tailgate is secured. After closing, check if the tailgate is correctly locked.



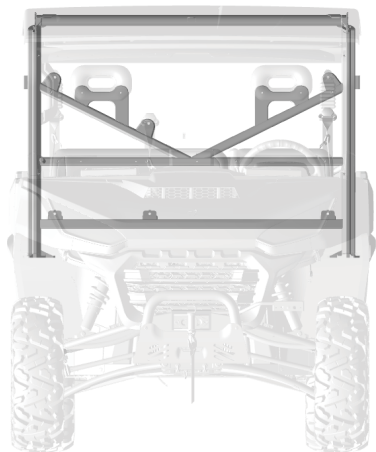
⚠ WARNING

**Do not drive with passengers in or on the cargo box, or on tailgate.
Do not drive with the cargo box raised up or with the tailgate open. When loading cargo, do not exceed the maximum load capacity of the cargo box.**

ROLL-OVER PROTECTIVE STRUCTURE (ROPS)

The rollover protection cage (ROPS) of this vehicle meets the requirements of (EU) No 1322/2014 Annex VIII.

If there is any damage to the vehicle's rollover protection cage, contact your Segway Powersports dealer. The dealer thoroughly inspects the ROPS or replaces it.



No device can assure occupant protection in the event of a rollover. When used with seat belts and cab nets or doors, the ROPS helps to prevent occupants from being ejected from the vehicle. Always follow all safety operating practices in this manual to avoid vehicle rollover.

WARNING

Vehicle rollover could cause severe injury or death. Always avoid operating in a way that could result in vehicle rollover.



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OPERATION

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This section provides basic operating instructions, including how to start and stop the vehicle, driving skills and precautions when driving on different roadways.

Even if you've ridden other on-road vehicles, you must take time to familiarize yourself with how the vehicle operates. Practice in flat and wide areas until you are familiar with this all-terrain vehicle.

 WARNING

Failure to inspect and verify that the vehicle is in safe operating condition before operating increases the risk of an accident. Always perform the Pre -Ride Inspection outlined in the Operation chapter before each use of your vehicle to make sure it's in safe operating condition. Always follow the inspection and maintenance procedures and schedules described in this owner's manual. See the Periodic Maintenance section of the Maintenance chapter.

BASIC DRIVING GUIDE

TRAIL ETIQUETTE

Always practice good etiquette when riding. Allow a safe distance between your vehicle and other vehicles operating in the same area. Communicate to oncoming operators by signaling the number of vehicles in your group. When stopping, move your vehicle to the edge of the trail as far as possible to allow others to pass safely.

KNOW YOUR RIDING AREA

Familiarize yourself with all laws and regulations concerning the operation of this vehicle in your area. Respect the environment in which you ride your vehicle.

Find out where the designated riding areas are by contacting your dealer, a local riding club, or local officials. Help keep our trails open for recreational vehicle use.

VEHICLE BREAK-IN PERIOD

Your vehicle's break-in period is the **300 km of operation**. Careful running-in the new engine and driveline components will improve performance and service life of these parts. Follow these steps carefully. After break-in, change the engine oil and oil filter.

BRAKE SYSTEM BREAK-IN PERIOD

In order to achieve the best braking performance, the brakes need about 200 km for proper running-in.

Heavy or excessive braking when braking components are new may damage brake pads and / or brake discs.

DRIVE BELT BREAK-IN PERIOD

Proper break-in of the CVT clutch and drive belt will ensure longer service life and better clutch performance. Break-in the clutch and belt at low speeds for the recommended time, only pulling light loads. Avoid violent acceleration and high-speed riding during break-in period. If the drive belt is broken, be sure to clean also intake and outlet pipelines and all debris in the CVT clutch and engine compartments during the belt replacement.

NEW OPERATOR DRIVING PROCEDURES

1. Before operating this vehicle, read and understand the owner's manual and all warning and instruction labels.
2. Perform a pre-ride check.
3. Do not carry goods during this period.
4. Do not carry passengers until you have two hours experience with driving this vehicle.
5. Choose a suitable open area to familiarize yourself with the operation and handling of the vehicle.
6. Safety helmet, eye protection, gloves, long-sleeved shirts, trousers, ankle boots and seat belts must be worn at all times.
7. Sit in the driver's seat, close both side doors or safety nets, fasten the seat belt, and shift the transmission into the "P" position.
8. Step on the brake pedal and release the parking brake.
9. Start the engine.
10. Put the transmission in low gear (L).
11. Check your surroundings and determine your driving route.
12. Hold the steering wheel with both hands, slowly release the brake, depress the accelerator with your right foot, and start driving.
13. Drive slowly at first, and practice starting, stopping, turning, maneuvering, using the accelerator, brakes, and reversing on a flat ground. When learning how the vehicle operates, practice left and right turns at a slow speed.
14. After you gain first experience and you want to make turns / run at faster speeds, observe the following precautions:

- Avoid sharp turns
- Don't turn when stepping on the accelerator pedal.
- Don't swerve when driving the vehicle.
- Drive according to your skills, conditions and terrain.
- Do not jump with the vehicle or perform any driving stunts.

DRIVING WITH PASSENGERS

1. Finish the New operator driving procedures on page 64.
2. Perform the Pre-ride check. Refer to the page 73.
3. Don't carry more than one passenger in a two-seat vehicle, or two passengers in three-seat vehicle. The additional passenger will affect the operator's ability to drive and control the vehicle.
4. All riders must be able to sit with their backs on the seat, with their feet flat on the floor, and their hands on the steering wheel (if driving) or on the passenger armrest/grab bar.
5. The driver and all passengers must wear approved helmets, eye protection, gloves, long-sleeved shirts, long trousers, ankle boots and fastened seat belts. Refer to the page 13.
6. Passengers can only sit in the passenger seat when driving.
7. Slow down. Always travel at speeds appropriate for your skills, your passengers' abilities and operating conditions. Avoid unexpected or aggressive maneuvers that could cause discomfort or injury to a passenger(s).
8. Vehicle handling may change with passengers and/or cargo on board. Allow more time and distance for braking.

STARTING THE VEHICLE

1. Step on the brake pedal and do not release it.
2. Turn ignition switch On.
3. Press the "Start" button for 1.5 - 2 seconds (no more than 4 seconds). The engine will start.

Before starting the engine, be sure you wear the helmet and other safety equipment, ensure the side doors / safety nets are closed and that driver and passenger(s) have fastened seat belts.

PARKING THE VEHICLE

1. Press the brake pedal and shift the "P" position (Parking).
2. Turn the ignition key to the "OFF" position and removed the key from the vehicle.
3. Apply the parking brake. (Page 50)

BRAKING

1. Release the throttle pedal completely.

NOTICE

When the throttle pedal is completely released and engine speed slows to near idle, the vehicle has no engine braking.

2. Press on the brake pedal evenly and firmly.
3. Practice starting and stopping using the brakes until you're familiar with the controls.

PARKING THE VEHICLE

1. Stop the vehicle on a level surface. When parking inside a garage or other structure, be sure that the structure is well ventilated and that the vehicle is not close to any source of flame or sparks, including any appliance with pilot lights.
2. Place the transmission in PARK.
3. Stop the engine.
4. Slowly release the brake pedal and make sure the transmission is in PARK before exiting the vehicle.
5. Remove the ignition key to prevent unauthorized use.

DRIVING ON SLIPPERY SURFACES

Whenever riding on slippery surfaces such as wet trails or loose gravel, or during freezing weather, follow these precautions:

1. Do not operate on excessively rough, slippery or loose terrain.
2. Slow down when entering slippery areas.
3. Engage 4x4 mode before wheels begin to lose traction.

NOTICE

Severe damage to drivetrain may occur if the 4x4 is engaged while the wheels are spinning. Stop the vehicle before engaging 4x4 drive. Engage 4x4 drive before wheels begin to lose traction.

4. Maintain a high level of alertness, reading the trail and avoiding quick, sharp turns, which can cause skid.
5. Correct a skid by turning the steering wheel in the direction of the skid. Never apply the brakes during a skid.

DRIVING THROUGH WATER

Your vehicle can operate through water with a maximum recommended depth equaling the floor level. Follow these precautions when operating through water:

NOTICE

Major engine damage can result if the vehicle is not thoroughly inspected after operating in water. Perform the services outlined in the Periodic Maintenance Chart. The following areas need special attention: engine oil, transmission oil, demand drive fluid and all grease fittings. If the vehicle tips over or overturns in water, or if the engine stops during or after operating in water, service is required before starting the engine. Your Segway Powersports dealer can provide this service. If it's impossible to bring the vehicle in before starting the engine, perform the service outlined in the "Drying the CVT" section of this manual, and then take the vehicle in for service at the first opportunity.

1. Determine water depth and current before entering water.
2. Choose such crossings where both banks have gradual inclines.
3. Avoid operating through deep or fast-flowing water.
4. After leaving the water, test the brakes. Apply brakes lightly several times while driving slowly. The friction will help dry out the pads.

If it's unavoidable to enter water deeper than the floor level:

1. Proceed slowly. Avoid rocks and obstacles.
2. Avoid sudden maneuvers and maintain steady speed.
3. Do not make sudden turns or stops. Do not make sudden throttle changes.

DRIVING IN REVERSE

Follow these precautions when operating in reverse:

1. Always check for obstacles or people behind the vehicle.
2. Apply the throttle lightly. Never open the throttle suddenly.
3. Ride slowly.
4. Apply the brakes lightly for stopping.
5. Avoid sharp turns.

DRIVING OVER OBSTACLES

Follow these precautions when operating over obstacles:

1. Before operating in a new area, check for obstacles.
2. Watch out for bumps, potholes and other obstacles in the terrain.
3. When you approach any obstacle, reduce your speed and be prepared to stop.
4. Never try to ride over large obstacles, such as large rocks or fallen logs.
5. Always have a passenger dismount before operating over an obstacle that could cause a fall from the vehicle or vehicle to tip over.

DRIVING ON PAVED SURFACES

1. If possible, avoid driving on paved surfaces.
2. If you need to drive on paved surfaces, turn gradually and drive cautiously.
3. Do not engage the 4WD drive or the differential lock on paved surfaces.

DRIVING UPHILL

Braking and handling are greatly affected when operating in hilly terrain. Improper procedure could cause loss of control or rollover. Whenever traveling uphill, follow these precautions:

1. Always move the 4x4 switch (if equipped) to 4x4WD position before ascending or descending a hill.
2. Always travel straight uphill.
3. Keep both hands on the steering wheel and both feet on the floor.
4. Always check the terrain carefully before ascending any hill. Never climb hills with excessively slippery or loose surfaces.
5. Proceed at a steady speed and throttle. Never open the throttle suddenly.
6. Never go over the crest of a hill at high speed. An obstacle, a sharp drop, or another vehicle or person could be on the other side of the hill.

DRIVING DOWNHILL

When driving downhill, follow these precautions:

1. Avoid excessively steep hills.
2. Always move the 4x4 switch (if equipped) to 4x4WD position before ascending or descending a hill.
3. Drive straight downhill. Avoid descending a hill at an angle, which would cause the vehicle to lean unexpectedly to one side. Travel straight downhill when possible.
4. Slow down.
5. Apply the brakes slightly to help in slowing.

DRIVING ON A SIDEHILL (SIDEHILLING)

Driving on a sidehill is not recommended. Improper procedure could cause loss of control or overturn. Avoid crossing the side of any hill unless absolutely necessary.

If crossing a sidehill is unavoidable, follow these precautions:

1. Slow down.
2. Exercise extreme caution.
3. Avoid crossing the side of a steep hill.

PARKING ON AN INCLINE

Avoid parking on an incline if possible. If it's unavoidable, follow these precautions:

1. Stop the engine.
2. Place the transmission in PARK.
3. Lock the parking brake.
4. Always block the rear wheels on the downhill side.

PARKING THE VEHICLE

1. Stop the vehicle on a level surface. When parking inside a garage or other structure, be sure that the area is well ventilated and that the vehicle is not close to any source of flame or sparks, including gas appliances with pilot lights.
2. Place the transmission in PARK.
3. Turn the engine off.
4. Engage the parking brake.
5. Slowly release the brake pedal and make sure the transmission is in PARK before exiting the vehicle.
6. Remove the ignition key to prevent unauthorized use.

ENGINE BREAK-IN GUIDELINES

Engine break-in period is the 300 km of operation.

During break-in period:

- avoid full throttle operation.
- avoid pressing the accelerator pedal more than $\frac{3}{4}$ of the stroke.
- avoid continuous acceleration.

The brakes need a 200 km break-in period.

New brakes will not reach their maximum efficiency until they are fully bedded-in. Brake performance may be reduced if running-in period is skipped or not done properly.

NOTICE

During this period, avoid full-throttle running, rapid acceleration, and constant rpm operation.

PRE-RIDE INSPECTION

Perform a pre-ride inspection before each ride to detect any potential problem that could occur during operation. The pre-ride inspection will help you monitor component wear and deterioration before they become a problem.

Correct any problems that you discover to reduce the risk of a breakdown or accident.

Inspection item	Note	Page
Brake system/pedal travel	Ensure proper operation	39
Brake fluid	Ensure appropriate level	113
Front suspension	Check; lubricate if necessary	120
Rear suspension	Check; lubricate if necessary	120
Tires	Check status and pressure	115
Wheels/fasteners	Check to ensure the tightness of fasteners	118
Nuts, bolts, fasteners	Check to make sure it's tight	—
Fuel	Ensure appropriate level	56
Engine oil	Ensure appropriate level	96
Coolant level	Ensure appropriate level	110
Coolant hoses	Check for leakage	—
Throttle	Ensure proper operation	—
Air intake prefilter	Check, clean	122-123
Front headlights	Check operation	35
Brake lights/taillights	Check operation	—
Seat belts	Check the whole length of the seat belts for damage. Check whether the latches are in normal operating condition.	53
Safety nets / Side doors	Inspect doors and latches for wear and damage	

HAULING CARGO

Your vehicle has been designed to carry or tow specific capacity. Reduce speed and allow a greater distance for braking when carrying cargo. Loads should be centered and carried as low as possible in the cargo box. For stability on rough or hilly terrain, reduce both speed and cargo weight. Ride with caution if the load extends over the sides of the cargo box.

WARNING

Overloading the vehicle or carrying cargo improperly can alter vehicle handling and may cause loss of control or braking instability. Always follow these precautions when hauling cargo:

Never exceed the stated load capacity for this vehicle.

Reduce speed and allow greater distances for braking when hauling cargo.

Never exceed the maximum weight capacity of the vehicle. When determining the weight you are adding to the vehicle, include the weight of the operator, passenger(s), accessories and loads in the rack or box. The combined weight of these items must not exceed the maximum weight capacity.

Always load the cargo box with the load as far forward and as low as possible.

When operating over rough or hilly terrain, reduce speed and cargo to maintain stable driving conditions.

Always operate the vehicle with extreme care when hauling cargo. Slow down and drive in the low gear (L).

⚠ WARNING

SECURE LOAD BEFORE RIDE. Unsecured load can create unstable operating conditions, which could result in loss of control of the vehicle.

OPERATE ONLY WITH STABLE AND SAFELY ARRANGED LOADS. When handling off-centered loads that cannot be centered, securely fasten the load and operate with extra caution.

HEAVY LOADS CAN CAUSE BRAKING AND CONTROL PROBLEMS. Use extreme caution when applying brakes with a loaded vehicle. Avoid terrain or situations that may require backing downhill.

USE EXTREME CAUTION when operating with loads that extend over the cargo box sides. Stability and maneuverability may be adversely affected, causing a rollover.

DO NOT TRAVEL FASTER THAN THE RECOMMENDED SPEEDS. Vehicle should never exceed 16 km/h while towing a load on a level surface. Vehicle speed should never exceed 8 km/h when towing loads in rough terrain, while cornering, or while ascending or descending a hill.

NEVER EXCEED PAYLOAD LIMITS OF VEHICLE. Reduce speed, turn gradually, and allow greater distance for braking when carrying cargo. Carrying a passenger in the cargo box could result in a fall from the vehicle or contact with moving components. Never allow a passenger to ride in the cargo box.

Always read and understand the load distribution warnings on warning labels on your vehicle and in this manual. Never exceed the maximum capacities specified for your vehicle.

DRIVE BELT LIFE

To extend belt life, use low gear when hauling or towing heavy cargo.

TOWING LOADS

⚠ WARNING

Towing improperly can alter vehicle handling and may cause loss of control or brake instability.

Always follow these precautions when towing:

1. Never load more than 100 kg of tongue weight on the towbar.
2. When towing a disabled vehicle, place the disabled vehicle's transmission in neutral. Do not operate the vehicle faster than 16 km/h when towing.
3. Towing a trailer increases braking distance. Do not ride faster than 16 km/h when towing.
4. Do not tow more than the recommended weight for your vehicle.
5. Attach a trailer to the towbar only. Do not tow a trailer from any other point on the vehicle. This could result in loss of control of the vehicle.
6. The total load (weight of the operator, passenger(s), accessories, cargo and tongue weight on towbar) must not exceed the maximum loading capacity of the vehicle.

MAXIMUM LOADING CAPACITY

Don't over the maximum loading capacity:

	SGW570F-U3
Maximum weight capacity (capacity includes weight of operator, passengers, cargo, accessories and tongue weight)	497 kg
Maximum cargo box load	272 kg
Maximum unbraked towing weight	550 kg
Maximum unbraked tongue weight	100 kg
Maximum towing weight WITH inertia braked trailer	800 kg
Maximum tongue weight WITH inertia braked trailer	100 kg

Maximum tongue weight: maximum vertical towbar load.

DUMPING THE CARGO BOX

To dump the cargo, do the following:

1. Select a level site to dump the cargo. Do not attempt to dump or unload the vehicle while parked on a slope.
2. Apply the brakes.
3. Set the parking brake.
4. Turn the key to the OFF position.
5. Dismount the vehicle.
6. Ensure that the cargo is distributed evenly or toward the front of the cargo box.

WARNING

If the weight of the load on the cargo box is distributed heavily toward the rear of the cargo box, when the releasing lever is released, the cargo box may dump unexpectedly and cause serious injury to the operator or bystanders. Never operate the cargo box release lever without ensuring, that the load is positioned evenly or to the front of the cargo box.

7. Release the tailgate latch and lower the tailgate.
8. Stand clear and pull up on the cargo box release lever.
9. Lift the front of the cargo box to dump the cargo.
10. Lower the cargo box and push down securely to latch.
11. Close the tailgate and secure both tailgate latches.

⚠ WARNING

Operating the vehicle while the cargo box is raised could result in severe injury. The cargo box could close unexpectedly and cause injury to the driver or passenger(s). The rear tires can also catch the rear of a raised cargo box, damaging the vehicle and creating hazardous situations.
Never ride with the cargo box in raised position.

LOADING GUIDELINES

When transporting cargo, follow these precautions:

1. Do not exceed the weight specified in the warning labels on your vehicle and in this manual.
2. Don't allow passengers to sit in or on the cargo box.
3. Make sure all cargo is secured before riding.
4. Avoid riding on steep slopes when transporting cargo or hauling trailer.
5. Use low gear (L) when hauling heavy cargo.
6. When hauling cargo, ride with caution.

TRAILER

When towing a load, bear in mind that the towing weight does not include the towing device (towbar).

The total load (weight on the operator, passenger(s), accessories, cargo and trailer) shall not exceed the maximum capacity of the vehicle.

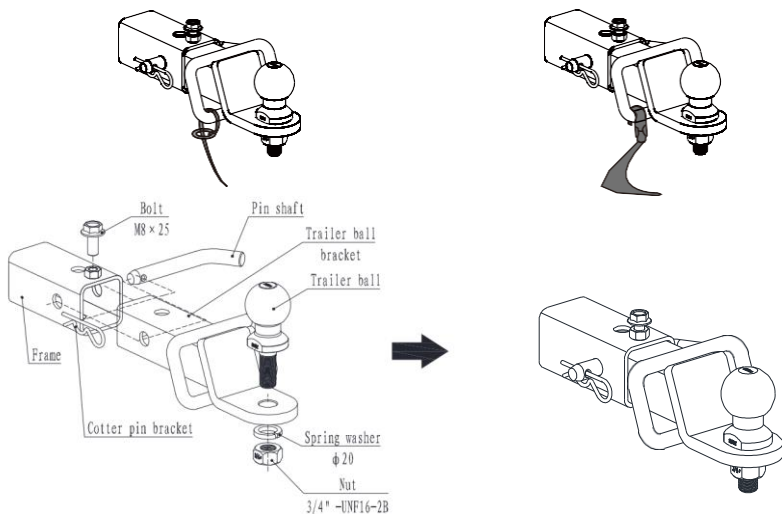
Where a designated attachment point is provided on the towbar:

Either:

Pass the cable through the attachment point and clip it back on itself.

Or:

Attach the clip directly to the designated point. This alternative must be specially permitted by the trailer manufacturer since the clip may not be sufficiently strong for use in this way.



WINCH OPERATION GUIDE

If your vehicle is equipped with a winch, please read this manual before winch use to understand and familiar yourself with important safety precautions and operating instructions.

WARNING

The user must read and understand the operating instructions and warnings of this owner's manual.

If the instructions or warnings are not followed, serious property damage or personal injury may occur.

- It is strictly prohibited for children under the age of 16 to use the winch.
- Before or during operation, pay attention to the safety and environmental conditions within winch operating range.
- Do not overload. Ensure that all equipment used meets the maximum rope pull force rating. We recommend using an optional pulley block, double rope using a pulley block double rope will help reduce the load on the winch, rope and battery. When using a double rope, the rated value of the pulley block should be two times the rope pull of the winch rating.
- Under heavy loads, do not operate the winch for long periods of time. Electric winches are only designed for intermittent use and, should not be used under constant load. Do not pull for more than one minute. If the winch motor feels very hot, stop the winch and let it cool down for a few minutes.
- The rope end cannot bear the full load when fully extended. Always be sure that at least five (5) full turns of winch rope are wrapped around the winch drum at all times.

- Avoid pulling from extreme angles, as this will cause the rope to be rolled to one end of the drum and may damage the rope or winch.
- Note that maximum winch pulling capacity is the capacity on the first layer of the rope on the drum. The more rope layers are spooled on the drum, the effective pulling capacity can decrease by 10-15% with each additional layer of rope on the drum. Do not operate the winch with overload capacity according to actual amount of rope layers.
- Never hook the rope back to itself, otherwise the rope will be damaged. Use hook recovery strap.
- Before operation, make sure that the winch is firmly installed on the vehicle or bracket.
- Before winching, check the rope for kinks and uneven rope layers. After winching, the rope must be properly tightened with about 50 kg of tension, using the hook strap.
- When pulling the load, be sure to place a protective “damper” on the rope near the hook end. This damper (it can be tarp, heavy rag, old jacket or even branch or tree limb) will absorb the energy if rope breaks and help prevent serious injuries and damage.
- Do not ride or move the vehicle to assist the winch in hauling heavy objects. It is easy to overload the winch and cause damage to the rope.
- Pay attention to the dangerous areas; stay away from the danger area during winch operation. The dangerous area is the area of the winch drum, fairlead, rope, pulley block, hook and winch motor.
- When the winch is under load, do not approach or cross the rope.
- When using the winch to move the load, place your vehicle’s transmission in neutral, apply the parking brake and place wedges under each wheel. When the winch is working, the vehicle engine should be started to help to charge the battery. Never use the winch with insufficient battery voltage.

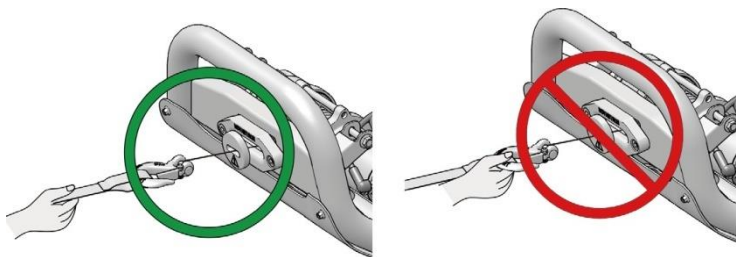
- Never disconnect the winch power supply when there is a load on the winch.
- After the operation, release the load immediately.
- Always stay away from rope, hook and winch when winching or under load.
- Check winch, rope, hook and broken strands of worn rope regularly. When handling the rope, do not let the rope to run through your hands, even when you wear thick leather gloves. Check the rope before use.
- Crushed, pinched, worn or kinked rope seriously reduces the carrying capacity. A damaged rope should be replaced. After winching, the rope must be pulled back under a tension of about 50 kg.
- The clutch should be released first, and then the rope should be pulled out by the hook strap. Do not pull the rope directly by the hook with your fingers.
- After winching, rewind the rope with specified tension so that the rope can be wound on the drum correctly. Also, it may be necessary to re-distribute the rope across the winch drum.
- Do not operate the winch under the influence of alcohol or drugs. Be cautious during operation. If there is a problem, cut off the battery immediately and check it carefully.
- Wear goggles, insulating overall, rugged shoes, work cap and thick leather gloves. Place long hair tightly under a work cap and remove all personal jewelry.
- When the winch is in use, be sure to start the vehicle engine and set the transmission to neutral ("N").
- When the winch is working, it will draw voltage, so you must start the vehicle and step on the accelerator lightly to avoid damage to the battery.
- If severe noise or vibration occurs during the use of the winch, stop the winch immediately
- When the winch is not in use, remove the controller.

⚠ WARNING

When releasing or retrieving the winch rope, both ends of the rope must be left with sufficient length to prevent the rope from being over-rolled in or out. When the rope is retrieving, please maintain a certain tension so that the rope can be retracted smoothly and can be wound tightly during retrieving.

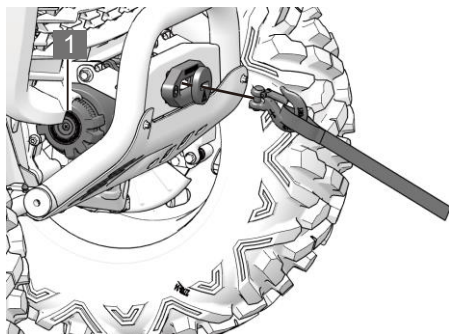
⚠ WARNING

Always use the hook strap to pull the hook. Do not hold the hook with your hands. This is important not only when winding the rope, but also when removing the rope from the winch under power.



WINCH OPERATION

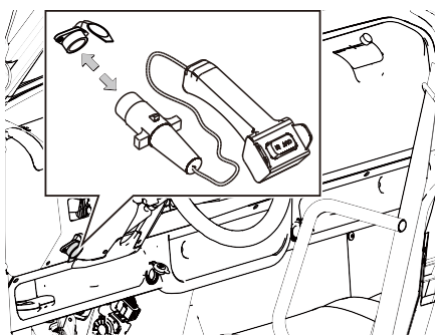
Manual release of the rope



1 Manual rope release switch

- When you turn the manual release knob clockwise, the rope can be pulled out manually.
- When you turn the manual release knob counterclockwise, the winch release will be controlled by Control switch.

Operation of Control switch



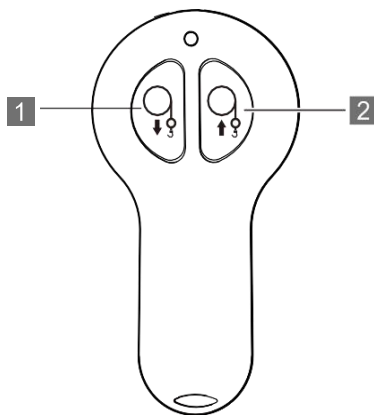
OUT: Release the rope

IN: Rewind the rope

Remove the control switch from the passenger armrest storage and connect the control switch to the winch receptacle located to the left of the driver.

1. Open the waterproof cover.
2. Insert the Control switch connector into the receptacle.

Remote control operation



1 Release the rope

2 Recoil the rope

NOTICE

If the remote control doesn't work, it may happen that the battery in the remote control is flat. Replace the battery with a new one.

When the winching is needed, the rope should be aligned with the vehicle preferably in a straight line. Too sharp angle will change the direction of tension and damage the rope. In case of serious noise or vibrations during the winching stop the winch immediately.

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MAINTENANCE AND STORAGE

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PERIODIC MAINTENANCE

Periodic maintenance will help keep your vehicle in the safest, most reliable condition. Inspection, adjustment and lubrication of important components are explained in the periodic maintenance chart.

Inspect, clean, lubricate, adjust and replace parts as necessary. When in the need for replacement parts, use genuine Segway Powersports parts available from your authorized Segway Powersports dealer.

Service and adjustments are important for proper vehicle operation. If you're not familiar with the service and adjustment procedures, have a qualified Segway Powersports dealer perform these jobs.

Maintenance intervals in the following chart are based upon average riding conditions. Vehicles subjected to severe use and / or conditions must be inspected and serviced more frequently.

Severe use definition:

- Frequent immersion in mud, water, or sand
- Frequent or prolonged operation in dusty environments
- Short trip operation in cold weather
- Racing or racing-style use in high RPM
- Prolonged low speed, heavy load operation
- Extended idling

Maintenance Chart Key

Symbol	Description
▶	Perform these procedures more often for vehicles subjected to severe use.
D	Have an authorized Segway Powersports dealer perform these services.

⚠ WARNING

Improperly performing the procedures marked with a “D” could result in component failure and lead to serious injury or death. Have an authorized Segway Powersports dealer perform these services.

Perform all services at whichever maintenance interval is reached first (km or hours).

PRE-RIDE MAINTENANCE

ITEM	MAINTENANCE INTERVAL	REMARKS
Steering	Pre-Ride	Visually inspect, test, or check components. Adjust and repair when required.
Front suspension	Pre-Ride	
Rear suspension	Pre-Ride	
Tires/ wheels/ fasteners	Pre-Ride	
Brake fluid level	Pre-Ride	
Brake system	Pre-Ride	
Accelerator pedal	Pre-Ride	
Engine oil level	Pre-Ride	
Air filter, primary air filter	Daily	Inspect. Clean often. Replace as needed
Coolant	Daily	Check level
Power Steering EPS (if equipped)	Daily	Inspect daily, clean often.
Headlights/ taillights/ signal lights	Daily	Check operation. Apply dielectric grease if needed.

MAINTENANCE AFTER BREAK-IN

ITEM	MAINTENANCE INTERVAL		REMARKS
	KM		
Fuel system	300		Break-in check: cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
Engine oil change	300		Break-in oil change, oil filter change
Front gearcase oil	300		Break-in oil level check
Rear gearcase oil	300		Break-in oil level check

PERIODIC MAINTENANCE

Make sure to perform maintenance at recommended intervals as indicated in the chart. Some items must be performed according to the calendar, regardless of the distance or engine hours.

ITEM	MAINTENANCE INTERVAL (WHICHEVER COMES FIRST)			REMARKS
	HOURS	CALENDAR	KM	
▶ Brake pad wear	10 H	Monthly	160	Inspect periodically; replace as needed
Battery	20 H	Monthly	300	Check terminals; clean; test
▶ Air filter, main element	50H		800	Inspect; replace as needed; inspect frequently if subjected to severe use
▶ General lubrication	50 H	3 M	800	Lubricate all fittings, pivots, cables, etc.
Intake air duct	50 H	6 M	800	Inspect ducts for proper sealing/air leaks
Drive belt	50 H	6 M	800	Inspect; adjust; replace as needed
Cooling system	100 H	12 M	1600	Inspect coolant strength seasonally; pressure test system yearly
▶ Engine oil change	100 H	12 M	1600	Change the oil and filter

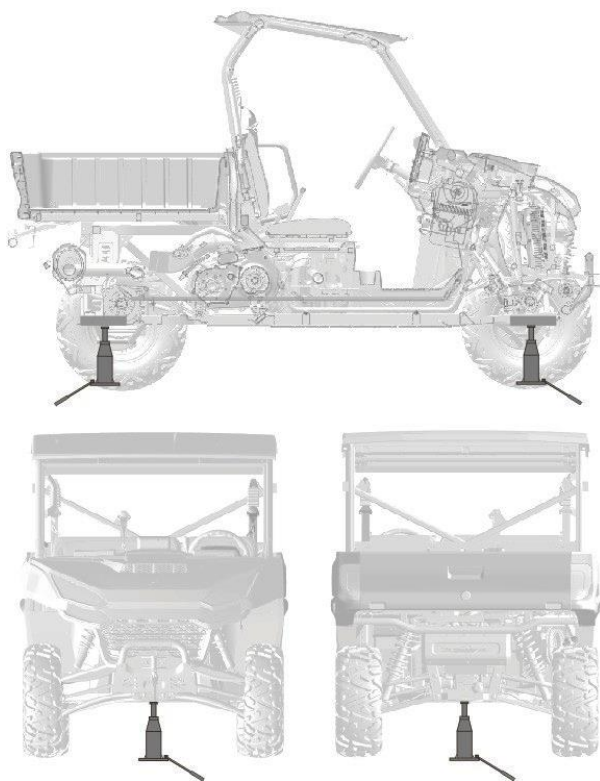
PERIODIC MAINTENANCE

ITEM		MAINTENANCE INTERVAL (WHICHEVER COMES FIRST)			REMARKS
		HOURS	CALENDAR	KM	
▶	Oil lines and fasteners	100 H	12 M	1600	Inspect for leaks and loose fittings
▶	Front gearcase oil	100 H	12 M	1600	Change oil;
▶	Rear gearcase oil	100 H	12 M	1600	Change oil
D	Fuel system/filter	100 H	12 M	1600	Cycle key to pressurize fuel pump; check for leaks at fill cap, fuel lines/rail and fuel pump; replace lines every two years
▶	Radiator	100 H	12 M	1600	Inspect; clean external surfaces
▶	Cooling hoses (if applicable)	100 H	12 M	1600	Inspect for leaks
▶	Engine mounts	100 H	12 M	1600	Inspect
	Exhaust muffler/pipe / Joints	100 H	12 M	1600	Inspect; clean; replace worn parts
D	Spark plug	100 H	12 M	1600	Inspect; replace as needed
	Spark arrestor	100 H	12 M	1600	Clean
D	CVT Clutches (drive and driven)	100 H	12 M	1600	Inspect; clean; replace worn parts
D	Wheels bearings	100 H	12 M	1600	Inspect; replace as needed
D	Brake fluid	200 H	24 M	3200	Change every 2 years
▶	Coolant		60 M		Replace coolant
D	Valve clearance	500 H		8000	Inspect; adjust
D	Toe adjustment				Inspect periodically; adjust when parts are replaced
	Headlight aim				Adjust as needed

LIFTING AND SUPPORTING THE VEHICLE

Place the vehicle on a flat non-slippery ground. Engage the 4WD mode. Ensure vehicle shift lever is in PARK ("P") position.

When lifting the front or rear of the vehicle, place the jack in the left and right center of the front or rear of the vehicle, as shown in the figure below:



Schematic diagram of jack support position

LUBRICATING OIL

Check and lubricate all components at the intervals listed in the periodic maintenance chart. Items not listed in the chart should be lubricated in the general lubrication interval. The rocker arm is lubricated at the factory and does not require additional lubrication. However, if these components are heavily used, the user may perform additional lubrication as required.

Item	Lubricant	Capacity	Remarks
Engine oil	SAE 10W/40 SJ or higher	2200 ml	Maintain level in safe range on dipstick
Front axle gear oil	SAE 80W-90 GL-5	260 ml	Keep the level at the 1/3rd of the sight window
Rear axle gear oil	SAE 80W-90 GL-5	200 ml (no differential) 240 ml (with differential)	Keep the level in the middle of the sight window
Coolant	- ECO BS -35°C Green - Maxima Coolanol	4800 ml	Keep the level between the fill lines
Brake fluid	DOT4		Keep the level between the fill lines
Suspension, Stabilizer bar	Semisynthetic waterproof grease	-	Grease fittings (maximum 2 pumps) every 800 km

ENGINE OIL

Check and change the oil at the time required by the regular maintenance and change the oil at the intervals required by the maintenance chart. Be sure to use only the recommended engine oil. The oil filter must be changed every time when engine oil is changed. Pay special attention to the oil level. An increase of oil level during cold weather can indicate contaminants collected in the oil sump or crankcase. If the oil level begins to rise, change the oil immediately. Monitor the oil level, if it continues to rise, stop using your vehicle and determine the cause. Contact your Segway Powersports dealer for service.

WARNING

Vehicle operation with insufficient, degraded or contaminated engine oil will cause accelerated wear and tear, and may result in engine failure, accident and / or injury. Always perform the maintenance procedures listed in the Periodic maintenance chart.

RECOMMENDED OIL

Change the oil filter every time the oil is changed.

Segway Powersports recommends using **MAXIMA ATV FULL SYN 10W-40** motor oil for this model. Refer to the Lubrication Guide.

CAUTION

Mixing brands or using non-recommended oils may cause serious engine damage. Always use recommended engine oil. Never mix oil brands.

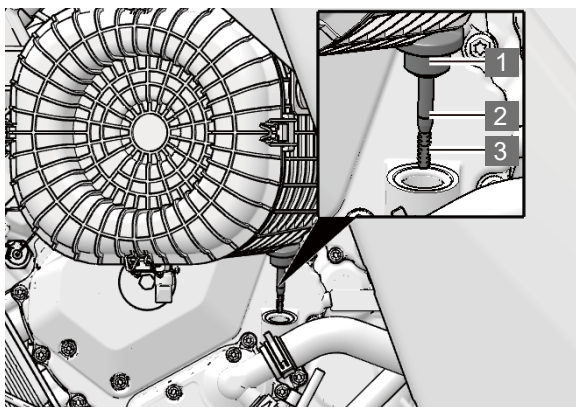
OIL LEVEL INSPECTION

NOTICE

Running the engine with an improper oil level can cause serious engine damage.

The oil dipstick is located on the right side of the engine, below the air filter.

1. Park the vehicle on a level surface and stop the engine.



1 Oil dipstick

2 Upper mark

3 Lower mark

2. Remove the oil dipstick.
3. Wipe the dipstick dry and screw it in place again, then remove the dipstick again and check the oil level.

Oil level must be between the upper and lower marks. If the oil level is below the lower mark, the oil level is too low. If oil is above the upper mark, there is too much oil in the engine. Neither too little nor too much oil is allowed.

4. If the oil level is close to or below the lower mark, add the recommended amount of engine oil. Do not overfill.
5. Screw and tighten the dipstick, start the engine, and check for leaks.

CHANGING ENGINE OIL AND OIL FILTER

Have the engine oil replaced by an authorized Segway Powersports dealer. As a part of oil exchange, the service will also change and clean your two-stage oil filter.

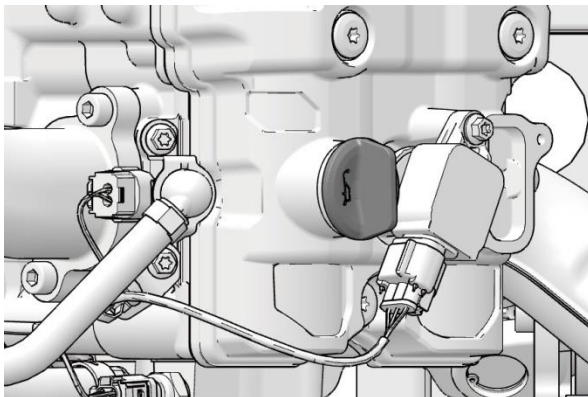
NOTICE

Change the oil filter every time the engine oil is changed.

WARNING

- Used engine oil contains potentially hazardous pollutants which can cause skin diseases such as dermatitis and skin cancer. Care should be taken to avoid prolonged and repeated exposure to the used oil. Wash the skin thoroughly with soap and hot water to remove engine oil from your skin.
- Used oil and used oil filter must be disposed in a safe way according to environmental regulations. Do not dispose used oil and oil filter in domestic garbage, sewers or on the ground. For information on oil recycling or scrapping, please consult your Segway Powersports dealer.
- Do not leave used engine oil in places where children can reach.

ADDING ENGINE OIL



The engine oil filling port is located under the cargo box. Flip the cargo box:

1. Open the oil filler cap by turning it counterclockwise.
2. Add an appropriate amount of recommended engine oil. Do not overfill. The oil level should be between the upper and lower marks on the dipstick.
3. Tighten the oil filler cap again.
4. Place the transmission in Park.
5. Lock the Parking brake.
6. Start the engine and let it idle for 5 minutes.
7. Stop the engine.
8. Check for leaks.
9. Check the oil level and add oil if needed to reach the upper mark on the dipstick.

FRONT / REAR GEARBOX / FINAL DRIVE OIL

Check and replace the front and rear transmission oil at the intervals specified in the Periodic Maintenance Table. If any leaks are found, contact a Segway Powersports dealer to inspect and repair the vehicle.

If the four-wheel drive mode is used extremely often, or is in severe use, the front differential oil should be replaced every 25 engine hours.

Severe use includes any of the following:

- Continuous operation in four-wheel drive mode
- Frequent or prolonged operation in four-wheel drive mode in mountain areas
- The main operating mode of your UTV is four-wheel drive mode

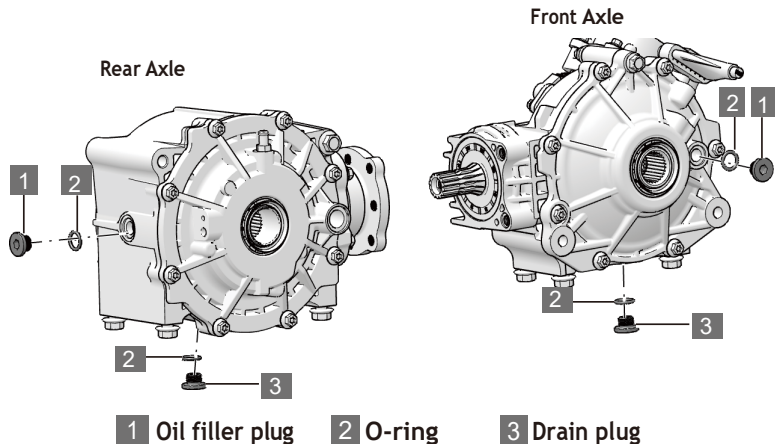
NOTICE

If the front axle makes too much noise during four-wheel drive operation, it is necessary to replace the front gear oil. If the noise persists, contact your Segway Powersports dealer.

CHANGING FRONT/REAR DIFFERENTIAL/FINAL GEAR OIL

Have the front / rear differential / final gear oil changed by an authorized Segway Powersports dealer in intervals specified in the Periodic maintenance chart.

ADDING FRONT/REAR DIFFERENTIAL/FINAL GEAR OIL



If there is too low oil in front / rear differential, check for leaks and add gear oil:

1. Position the vehicle on a level surface. Remove the oil filler plug.
2. Add an appropriate amount of recommended oil. Oil level should reach bottom of oil fill hole threads.
3. Reinstall the oil filler plug and O-ring. Tighten the plug to the recommended torque.
4. Check for leaks.

Oil filler plug tightening torque

16-20 Nm

Recommended front differential oil: **MAXIMA PREMIUM GEAR OIL 80W90**
 Recommended rear gearbox oil: **MAXIMA PREMIUM GEAR OIL 80W90**

CVT DRIVE BELT

Check and replace the CVT drive belt in intervals specified in the vehicle maintenance schedule. If the CVT belt is damaged, it should be replaced immediately.

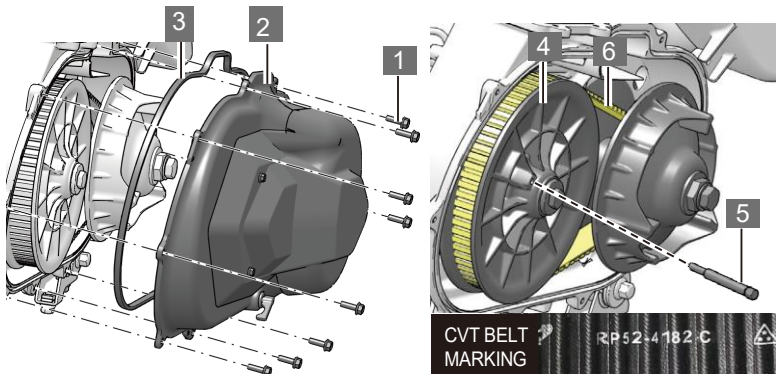
When replacing the drive belt, clean the CVT clutch and the engine compartment, as well as CVT intake and outlet ducts for debris.

BELT REPLACEMENT/DEBRIS REMOVAL

⚠ WARNING

Failure to remove all debris when the belt is replaced can result in vehicle damage, loss of control and serious injury or death.

Stop the engine and allow it to cool down before replacing the CVT drive belt.



1 CVT cover bolts

2 CVT cover

3 CVT cover seal

4 Driven pulley

5 CVT belt replacement tool

6 CVT drive belt

1. Remove the CVT cover bolts, CVT cover and cover sealing ring.
2. Insert the pulley spreader rod into the hole in the driven clutch as shown in the picture, and screw the tool clockwise to open the sheaves of the driven clutch.
3. Take out the drive belt to be replaced and clean up all debris in the CVT compartment and intake and outlet ducts.

INSTALLING THE DRIVE BELT

The installation steps are basically the reverse of the removal.

CAUTION

Before removing the drive belt, note the direction of the marks on the drive belt (such as manufacturer name, rotation arrow mark, etc.) so that the drive belt will be reinstalled in the original direction.

1. Wrap the drive belt around the drive and driven clutches.
2. Use the CVT belt replacement tool (spreader rod) to open the CVT driven pulley and wind the drive belt into the CVT clutches.
3. Install the CVT sealing ring and the CVT cover, tighten the CVT cover bolts.

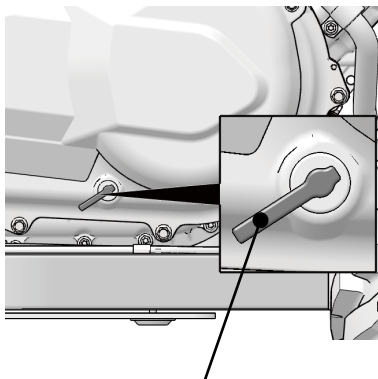
CVT outer cover bolt tightening torque:

10 Nm

DRYING THE CVT BELT

In some situations, the water may get ingested into the CVT system. This water must be dried out it before you can continue to drive.

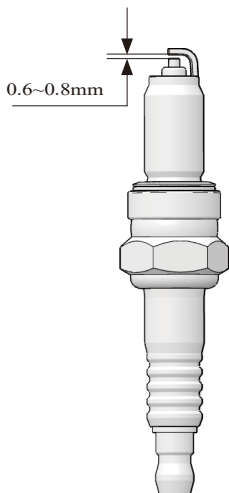
1. Remove the CVT clutch drain plug.
2. Let the water to drain out, and then reinstall the water drain plug.
3. Place the transmission in "Park" and set the parking brake.
4. Start the engine.
5. Increase the engine rpm several times (for 10-15 seconds) to expel the moisture and to dry the belt and CVT system. **DO NOT APPLY FULL THROTTLE DURING THIS OPERATION.**
6. Shift the Low range and test ride slowly for belt slippage. If the belt still slips, repeat the process.
7. Visit your Segway Powersports dealer if your vehicle needs service.



CVT system drain plug

SPARK PLUG

Refer to the specifications below for the recommended spark plug type and gap.



⚠ CAUTION

Using unrecommended spark plug can cause serious engine damage.

Always use only the recommended spark plug.

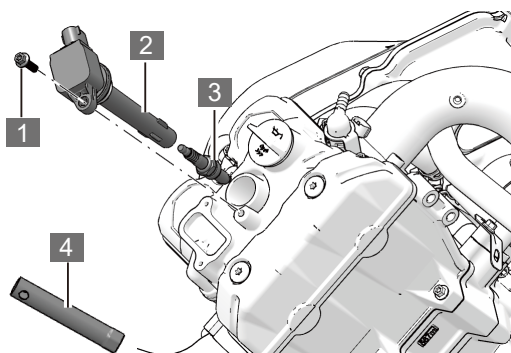
Spark Plug	
Type	NGK CPR7EA
Spark Plug Gap	0.6 - 0.8 mm
Spark Plug Torque	13 Nm

SPARK PLUG INSPECTION

The spark plug condition indicates how the engine is running. Check or change the spark plugs in intervals specified in the periodic maintenance schedule.

⚠ CAUTION

Allow the engine to cool before attempting to remove the spark plug for inspection. Hot exhaust system and engine will cause burns.



1 Bolt

2 Ignition coil

3 Spark plug

4 Spark plug wrench

The spark plug is located under the cargo box.

1. Remove the ignition coil fixing bolt.
2. Take out the ignition coil, the spark plug is located below the ignition coil.
3. Using the spark plug wrench, provided in the tool kit, remove the plug by rotating it counterclockwise.
4. Reverse the procedure for spark plug installation. Torque to specification.

Spark plug inspection:

Normal spark plug: The insulator tip color is grayish white, grayish yellow or light brown, and the electrode gap is between 0.6-0.8 mm. White insulator tip indicates overheating which can be caused by improper spark plugs or incorrect mixture adjustments.

Need to replace: If the spark plug shows electrode wear, carbon deposits, spark plug is wet, damp oil film covers the firing end, or clearance is too large, the spark plug needs to be replaced.

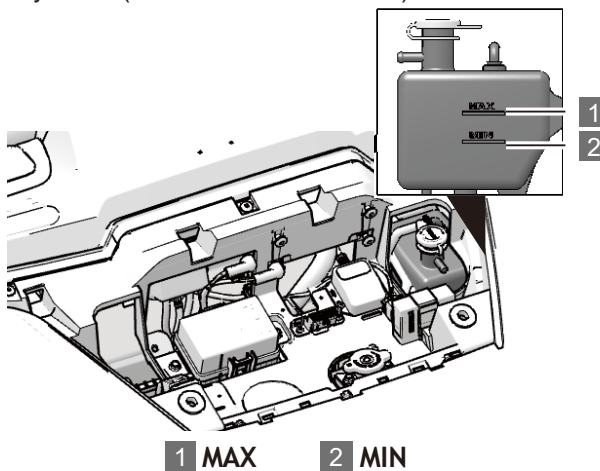
COOLANT

The coolant circulates in the engine cooling system, taking away the excess heat generated during the engine operation and making the engine operate at normal operating temperature. Maintaining the coolant allows the cooling system to work properly and prevents freezing, overheating, and corrosion. Therefore, the coolant should be frequently checked and replaced. The factory filling is a 50/50 solution of antifreeze and water in this vehicle. This coolant is recommended for most operating temperatures and provides good corrosion protection.

COOLANT RECOVERY BOTTLE

The recovery bottle is located under the front service cover.

1. Check the coolant level in the recovery bottle from the left side of the vehicle.
2. If the coolant level is low, add the appropriate amount of coolant. Coolant should be between the MIN and MAX marks on the recovery bottle (when the coolant is cool).



3. Remove the cap and pour in the new coolant. Pay attention to the position of the coolant cap when adding coolant. Do not overfill the MAX level.
4. Reinstall the recovery bottle cap.
5. Reinstall the front service cover.

Recommended coolant:

Maxima COOLANOL (ready-to-use 50/50 blend)

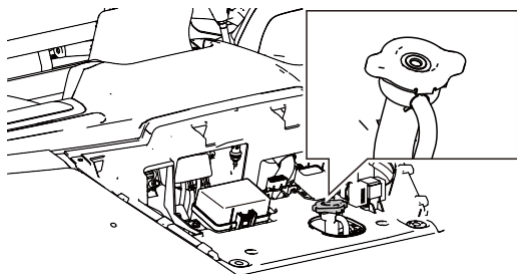
RADIATOR COOLANT

To ensure that the coolant maintains its ability to protect the engine, Segway Powersports recommends to completely drain the coolant and replace with new recommended antifreeze every five (5) years.

⚠ CAUTION

Hot steam can cause severe burns. Do not open the radiator pressure cap when the engine is hot. The engine must be cooled down before the pressure cap is removed.

Use fresh recommended antifreeze, or 50/50 premix to replace coolant. If the recovery bottle has dried up, check the radiator coolant level. Add coolant if needed.



1. Remove the front service cover in the front hood.
2. If the coolant is sufficiently cooled down, remove the radiator pressure cap.
3. Use a funnel and slowly add coolant through the radiator filling port.
4. Reinstall the radiator pressure cap. Confirm that the cap is installed correctly.

Attention: Using non-standard pressure cap will affect the safe operation of the recovery system. Your dealer will provide the correct replacement part.

BRAKE SYSTEM

The front and rear brakes are hydraulic disc brakes that are activated by pressing the brake pedal with your foot. Brakes are self-adjusting. As the brake pads wears, the brake fluid level in the brake fluid reservoir will drop. Leakage in the system will also cause the fluid level to drop.

WARNING

Brake fluid level must be checked periodically.

Overfilling the brake fluid may cause brake drag or brake locking, which may result in serious injury or death. Keep brake fluid at the recommended level. Do not overfill. Check brake pads and brake disc wear regularly. Worn brake pads or discs should be replaced.

The following inspection is recommended to keep the braking system in good working condition. If the brakes are in heavy use during normal operation, check it frequently.

1. Always keep the brake fluid at a correct level. Refer to master cylinder/brake fluid section for details (page 113).
2. Check the brake system for any leakage.
3. Check whether the brake pedal travel is too long or pedal feels soft.
4. Check whether the friction pads are worn, damaged or loose. Brake pads must be replaced when the remaining thickness is 1.5 mm.
5. Check the surface and condition of the brake discs. Use the brake cleaner to clean up any grease and adhering dirt. Do not use spray lubricants or other petroleum-based products. If any damage (crack, excessive corrosion, warping) is found, visit Segway Powersports dealer before further operation.

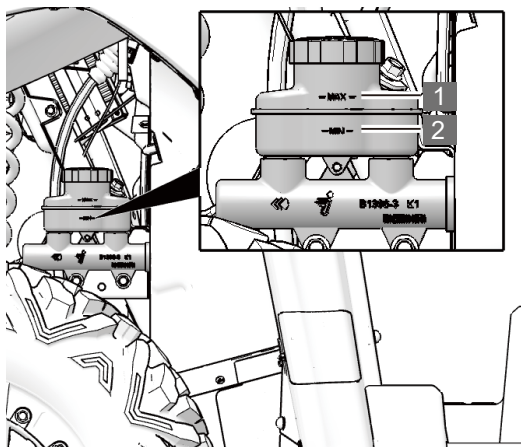
BRAKE FLUID

Use the recommended brake fluid:

Brake Fluid	Maxima DOT 4 Brake Fluid
--------------------	---------------------------------

Hydraulic brake system of your vehicle requires no adjustment. Check the brake fluid level frequently. If the level is low, add brake fluid. Brake fluid reservoir is located under the front service cover.

1. Observe the liquid level in the reservoir:



1 MAX level

2 MIN level

2. Brake fluid level must be between the MAX and MIN marks. If the level is lower than the MIN mark, add the recommended brake fluid and observe the fluid level.
3. Check whether the brake pads are worn.

NOTICE

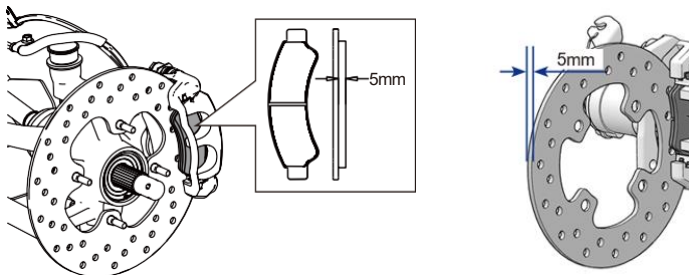
Brake fluid can damage plastic and painted surfaces and should be added with caution.

If the brake fluid comes into contact with the skin or eyes, flush with plenty of water immediately. If you feel sick, seek medical attention immediately.

BRAKE PADS / BRAKE DISCS INSPECTION

Brake pads wear depends on the severity of usage and operating conditions. Brake pads wear faster in wet and muddy conditions. Regularly inspect brake pads for thickness in intervals specified in periodic maintenance chart. If brake pad or brake disc thickness reaches minimum thickness, the brake pads and/or brake disc must be replaced.

Brake pads thickness	When new	5.0 mm
	Minimum thickness	1.5 mm
Brake discs thickness	When new	5.0 mm
	Minimum thickness	4.0 mm



TIRES

TIRE PRESSURE

Driving a vehicle with the incorrect tire pressure may result in:

- Reduced fuel efficiency.
- Reduced driving comfort and shortened tire life.
- Reduced ride safety.

When checking tire pressure, use following table:

Recommended tire pressures	Tire size	Tire pressure
	FRONT wheels	27×9.00-14 27×9.00-R14 30×10.00R14
REAR wheels	27×11.00-14 27×11.00-R14 30×10.00R14	110 kPa

- Allow the tires to cool down before checking the pressure.
- If the vehicle has been stopped for at least 3 hours, or has not driven more than 1.5 km, the tire check can get an accurate reading of the cold tire pressure.
- Use low-pressure ATV pressure gauge.
- Tire appearance can sometimes be misleading. Even a few kPa less air in a tire can affect driving and handling performance.
- Increased tire pressure after driving is normal; do not reduce the tire pressure after driving.

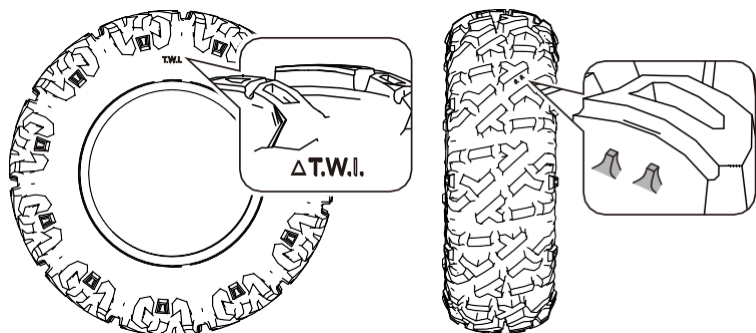
TREAD DEPTH

Inspection method 1:

Observe the tire wall to find the Tire Wear Indicator (TWI) or “ Δ ”. Check the triangle sign to see limit. When the tread reaches the top of the indicator, it is time to replace the tire.

Inspection method 2:

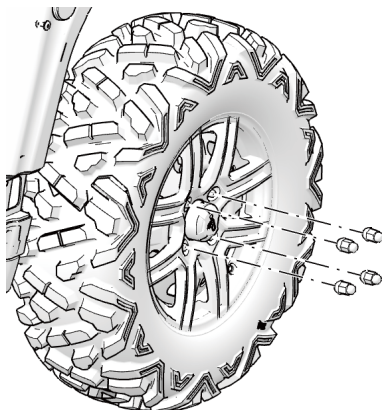
Check the wear condition of tire tread blocks. When the height of any tread block is 1.6 mm or less, replace the tire.



When to replace a tire:

- If tire is damaged, has cuts, delamination, deep cracks in the sidewall, or a bulge, all this indicates that the tire is damaged and needs to be replaced.
- If the tire has air leak which cannot be normally repaired due to the size or position of puncture, or has other damage. If you are not sure, consult your Segway Powersports dealer.

WHEEL REMOVAL



1. Stop the engine.
2. Put the transmission in "P" position.
3. Lock the parking brake.
4. Loosen the wheel nuts slightly, but do not remove them yet.
5. Lift the side of the vehicle by placing a suitable jack or stand under the frame.
6. Loosen and remove all four wheel nuts.
7. Remove the wheel.

WHEEL INSTALLATION

- Install and slightly tighten the wheel nuts.
- Lower the vehicle on the ground and diagonally tighten the wheel nuts to the specified torque.

Tightening torque:

Wheel nuts: 100-120 Nm

CAUTION

Loose nuts may cause the tire to fall off during operation which may cause an accident or overturn. Always ensure that all nuts are tightened to the required value.

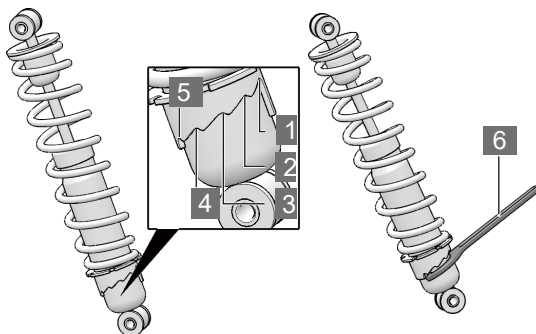
Do not use lubricating oil or grease on wheel bolts / wheel nuts. Lubricating oil or grease may cause excessive tightening of wheel nuts, resulting in damage to bolt or wheels. In addition, lubricating oil or grease can cause wheel nuts to become loose and wheels may fall off, which can lead to accidents and serious injuries. Remove any lubricating oil or grease from wheel bolts / wheel nuts.

WARNING

Do not use wheels of other sizes than recommended in this manual or in vehicle documents, as this can cause the vehicle to lose control.

Tire size	Front wheel	Rear wheel
Segway UT6	27×9.00-14	27×11.00-14
	27×9.00 R14	27×11.00 R14
	30×10.00 R14	30×10.00 R14

SUSPENSION ADJUSTMENT



There are 5 spring preload adjustment positions, which can be used according to different terrain and loading conditions. If you feel the suspension is too soft or too stiff, you can adjust the springs according to this table.

Position 1:

For light loads and flat terrain.

Position 2 ~ 5:

For higher loads and heavy cargo.

Position	Spring	Suspension	Load	Terrain	Speed
1	Soft	Flexible	Light	Flat	Low
2	↑	↑	↑	↑	↑
3					
4	↓	↓	↓	↓	↓
5	Hard	Solid	Heavy	Bumpy	High

Use a hook wrench (6) to adjust the spring preload.

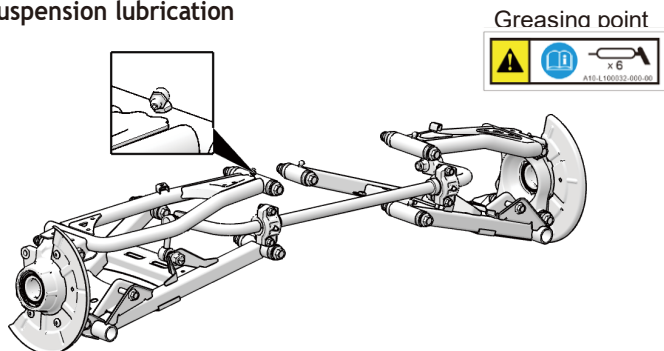
⚠ CAUTION

When adjusting the spring preload, always adjust left and right shocks to the same position. Step up or down one position at a time when adjusting. Do not try to make large adjustments which may damage the shock absorber.

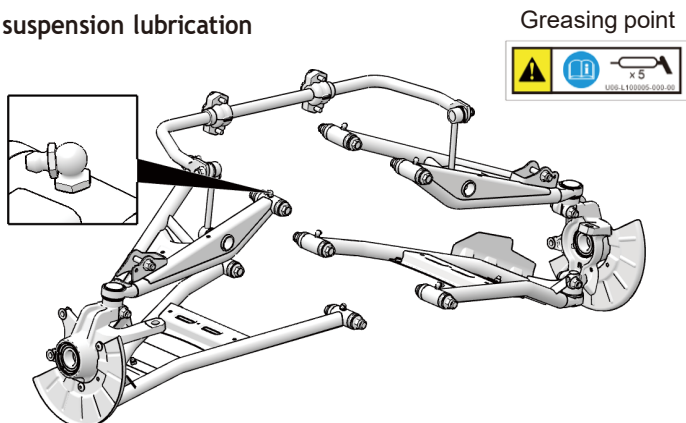
SUSPENSION LUBRICATION

Front and rear suspension, transmission shafts, and balance shaft are equipped with grease fittings. These parts need to be thoroughly lubricated. Use suitable grease and lubricate them in intervals specified in periodic maintenance chart. Sufficient lubrication can reduce wear and increase service life of these components.

Front suspension lubrication

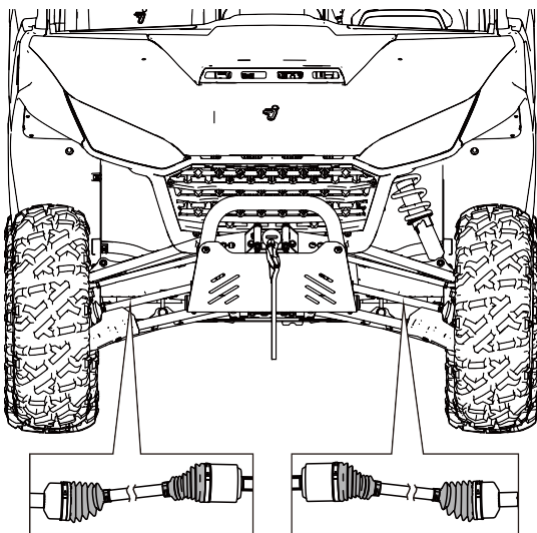


Rear suspension lubrication



FRONT/REAR AXLE BOOTS

Check for cuts, damage or grease leakage from the front and rear drive axle dust boots. If you find any damage or grease leakage, contact your Segway Powersports dealer for service.

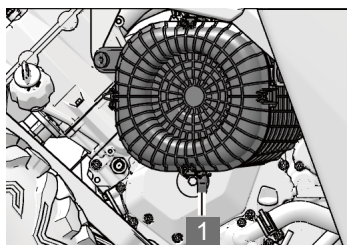


AIR FILTER

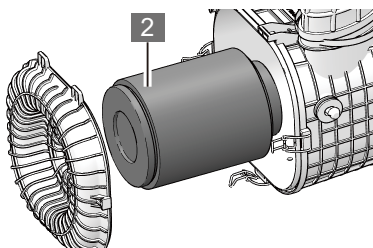
The air filter element in this vehicle is a paper type. The air filter element should be cleaned and replaced in intervals specified Periodic maintenance chart.

REPLACING AIR FILTER ELEMENT

Air filter is located under the cargo box.



1 Air filter drain plug



2 Air filter element

The air filter is located on the right side, under the cargo box. Lift the cargo box for easy access.

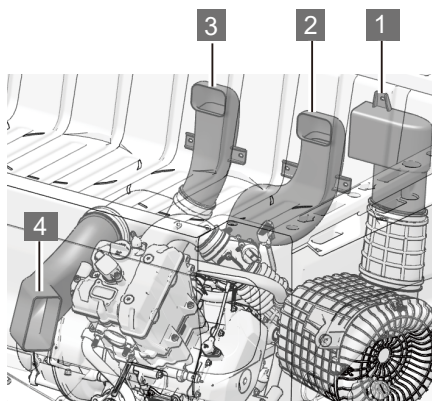
1. Remove the air filter cover by unlatching clips of the air filter cover.
2. Remove the air filter element.
3. If there is water inside the air filter, remove the drain plug underneath the air filter, drain all water from the air filter and clean the inside of the air filter with a clean rag.
4. Clean or replace the filter element.
5. Reinstall the air filter cover.

⚠ WARNING

When assembling the air filter element, make sure that the air filter buckles and filter cover are in place; otherwise it will cause the engine to malfunction or reduce service life.

If the vehicle is operated in a dusty environment, shorten the interval of checking the filter element.

The air filter is soaked with water or the filter element is wet, drain the water and replace the air filter element.

AIR FILTER INLET CAP AND CVT INLET MESH FABRIC

- 1** Air filter intake duct **2** CVT air intake duct 1
3 CVT air intake duct 2 **4** CVT air outlet duct

Check the air filter intake duct and CVT air intake and outlet ducts daily.

The air filter inlet cap and CVT inlet mesh fabric is located at the rear of the passenger's seat. Lift the cargo box and clean the air filter inlet cap and CVT inlet mesh fabric if necessary; replace if damaged.

LIGHTS

⚠ CAUTION

Poor lighting can result in reduced visibility when driving. Clean the headlights frequently and replace non-functioning lights promptly. To ensure optimum visibility and safety, make sure the headlights are properly adjusted.

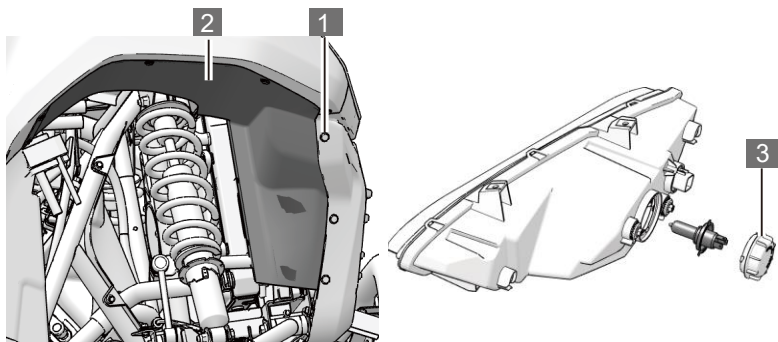
REPLACING THE HEADLIGHT BULB

If the bulb is damaged, replace it with a bulb of the same type.

⚠ CAUTION

Hot parts can cause skin burns. Allow the lights to cool before performing maintenance.

DO NOT touch the headlight bulb glass. Fingerprints on the glass can cause poor bulb performance or bulb premature failure.



1 Expansion screw

2 Headlight cover

3 Headlamp cover

To replace the headlamp bulb:

1. Unscrew the headlamp cover expansion screw and remove the headlamp cover.
2. Remove the wire harness connector and take out the broken bulb.
3. Install the new bulb and turn the headlights on to test whether headlight is working properly.
4. Installation procedure is the reverse of the removal procedure.

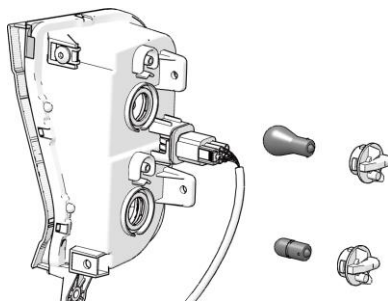
NOTICE

Replace the bulb with the recommended wattage and type only.

REPLACING TAILLIGHT/REAR TURN LIGHT

To change the taillights :

Remove the rear light cover by removing the rear taillight cover expansion screws with a tool.



1. Unscrew the rear light holder.
2. When the bead at the end of the bulb gets stuck in the limit slot of the bulb seat, the damaged bulb can be taken out.
3. Replace with a new bulb of the same specifications.
4. Test whether the lamp works normally.

HIGH BEAM ADJUSTMENT

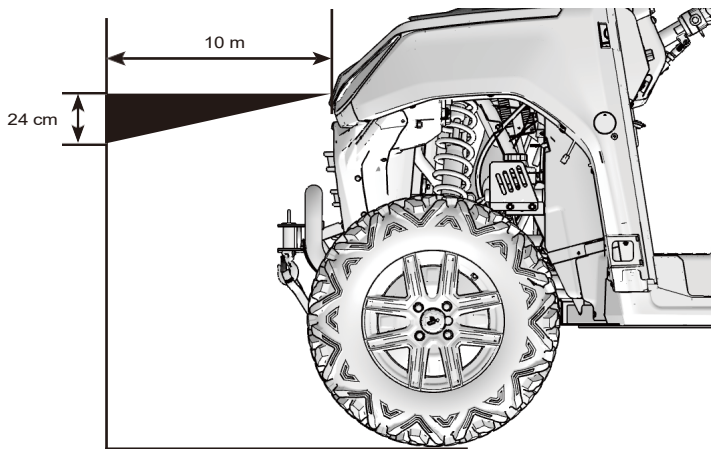
The headlight beam can be adjusted up and down, right or left. Use following procedure to adjust the lights:

⚠ CAUTION

Following pictures are for reference only. Your model may differ.

It is best to let Segway Powersports dealer to adjust the headlights, if conditions permit.

1. Place the vehicle on a level surface, with the headlights approximately 10 m from a wall.

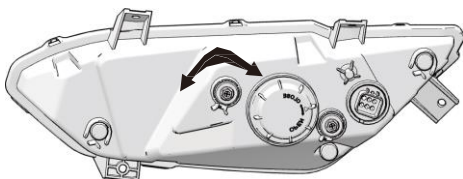


2. Measure the height from the floor to the center of the headlights and make a mark on the wall at the same height.

3. Apply the brakes, start the engine and turn the headlights on.
4. Observe the headlight beam on the wall. The most intense part of the headlight beam should be aimed 24 cm below the mark marked on the wall. Measure the headlight beam with the weight of the driver on the rider's seat.
5. If headlights need adjustment, locate the adjustment screw at the back of the headlight.

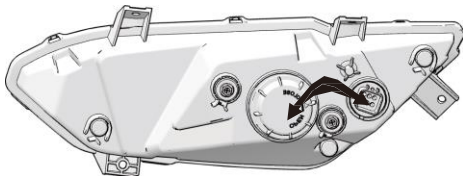
Headlight beam height adjustment

- To raise the headlight beam, turn the height adjusting screw counterclockwise.
- To lower the headlight beam, turn the height adjusting screw clockwise.



Left / right headlight beam adjustment

The headlight beam can be adjusted to the left or right.



- To turn the headlight beam to the left, turn the side adjustment screw counterclockwise.
- To turn the headlight beam to the right, turn the side adjustment screw clockwise.

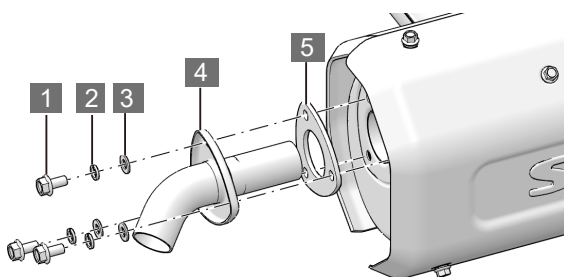
SPARK ARRESTOR

Spark arrestor prevents random sparks from entering other parts of the vehicle. Regular maintenance can prevent carbon accumulation, lack of maintenance will reduce engine performance.

⚠ WARNING

Make sure the exhaust pipes are cool.
Ensure that there are no combustible materials in the area when maintaining the vehicle.
Safety glasses are recommended in this procedure.

The spark arrestor must be cleaned periodically of accumulated carbon:



1 Bolt M8 × 16 (3x)

2 Spring washer (3x)

3 Flat washer (3x)

4 Spark arrestor

5 Gasket

Let the exhaust system completely cool down to avoid getting burned.

1. Remove three M6 x 6 bolts, spring washers, and flat washers.
2. Clean the spark arrester with soap and water. If needed, use a wire brush to remove stubborn deposits. Spark arrester should be cleaned every 100 hours of service.
3. Reinstall the spark arrester, all washers and bolts.

NOTICE

If damaged, replacement exhaust gasket should be readily available from Segway Powersports parts and service dept.

ELECTRIC POWER STEERING (EPS)

The power steering (EPS) is active when the engine is running.

NOTICE

When the key is turned to the "ON" position, the EPS warning indicator lights up briefly. Refer to page 46.

After the key switch is turned to the "OFF", the EPS system will be turned off.

If the EPS indicator light continues to light up after the engine is started, it means that the EPS system has failed. Contact your Segway Powersports dealer.

BATTERY

This vehicle is equipped with a sealed MF battery, which requires little maintenance. It is not required to check the electrolyte or to add distilled water to the battery. Due to natural discharge and power consumption of some electrical equipment, battery will discharge gradually even when the vehicle is not in use. If the vehicle was parked for a long time, the battery may discharge and you may not be able to start the engine. Charge the battery every 30 days. This will maintain long battery life.

WARNING

12V batteries contain toxic and corrosive sulfuric acid and may produce flammable explosive hydrogen gas. To reduce the risk of serious injury or death, the following precautions should be observed when handling 12V batteries or working near them:

- Do not smoke or light matches near a 12V battery.
- Avoid splashing electrolyte on eyes, skin and clothes.
- Wear safety goggles when working near 12V battery.
- Keep children away from 12V batteries.
- Be sure to charge the 12V battery in an open area. Do not charge a 12V battery in a poorly ventilated garage or enclosed space.

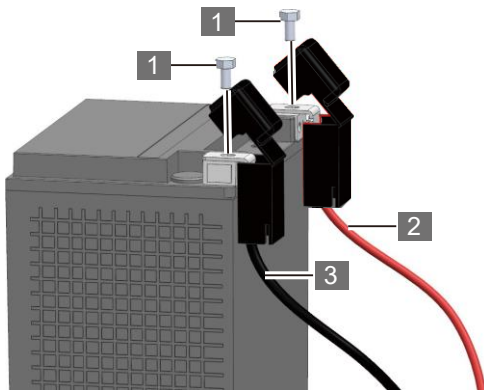
BATTERY REMOVAL

To remove the battery first remove the seat and perform the following procedure. Turn the vehicle power Off before removing battery.

NOTICE

If the electrolyte spills, immediately wash it off with a dedicated a contact cleaner to prevent damage to the vehicle.

The battery is located under the passenger seat in standard cab vehicles, and in the middle of the rear seat in Crew cab vehicles.



- 1 Battery terminals bolts (2x)
- 2 Battery positive cable (red)
- 3 Battery negative cable (black)

⚠ CAUTION

To minimize the chance of sparking: Whenever removing the battery, disconnect the black (negative) cable first. When reinstalling the battery, install the black (negative) cable last.

1. Power off the vehicle.
2. Lift the battery positive and negative terminal protection rubber covers.
3. Remove the battery negative bolt and disconnect the black (negative) battery cable.
4. Remove the battery positive bolt and disconnect the red (positive) battery cable.
5. Remove the battery strap.
6. Remove the battery from the vehicle.

BATTERY INSTALLATION

1. Clean the battery terminals with a wire brush, then use a dedicated contact cleaner, such as Maxima Electrical Contact/Brake Cleaner. Finally coat the terminals and bolts with dielectric grease.
2. Put the battery into the vehicle.
3. Connect and tighten the positive (red) cable to the battery positive terminal and put the protection rubber cover in place.
4. Connect and tighten the negative (black) cable to the battery negative terminal and put the protection rubber cover in place.
5. Install the battery pull straps and secure the battery in the vehicle.
6. Verify that cables are properly routed.

BATTERY CHARGING

NOTICE

When charging, the 12V batteries produce hydrogen, combustible and explosive gas. Therefore, follow these precautions:

If charging the 12V battery that is installed in the vehicle, be sure to disconnect the negative (grounding) cable from the battery.

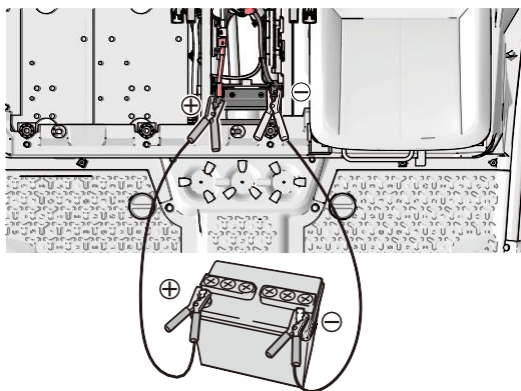
Make sure the battery charger is off when connecting and disconnecting the charger to the battery.

Only charge slowly (with 5A or less). The battery may explode if charged quickly.

This vehicle is equipped with a MF battery, which requires dedicated battery charger. Using a charger that is not designed to charge maintenance-free batteries may destroy or irreparably damage your battery. We recommend using a **Shark CN-4000 Smart Automatic Charger** to charge your battery. This battery charger/maintainer can be left connected to your vehicle for the entire winter to keep the battery in top condition.

Jump-starting the vehicle

1. Connect positive clamp of the jumper cable to the positive (+) terminal in the vehicle with flat battery.
2. Connect the other clamp of the positive jumper cable to the positive (+) terminal in other vehicle.
3. Connect the negative clamp of the jumper cable to the negative (-) battery terminal of another vehicle.
4. Connect the other clamp of the negative jumper cable to a separate clamp.



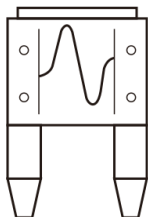
FUSE

All circuits in this vehicle are protected with fuses to protect electrical equipment from damage caused by high current, short circuit or overload.

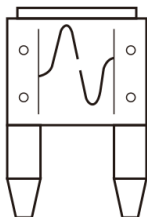
If any of the electrical systems do not work, the fuse may be blown. If this happens, check the fuse first. If you find a blown fuse, replace it and check the electrical system. Check also all fuses for other possible causes. Replace all blown fuses and check the working condition of components. Fuses are located in the fuse box. There are also some spare fuses in the fuse box. In the event of a system failure, see "Fuse/relay ratings and location" for details.

NOTICE

- Always replace blown fuse with the fuse of the same type and ampere rating.
- Do not replace the fuse with anything else. Never use piece of wire or metal instead of the fuse, even as a temporary replacement this is strictly prohibited.
- Do not modify fuses or fuse box.
- If the fuse blows again immediately, contact your dealer.



Normal fuse



Blown fuse

FUSE BOX

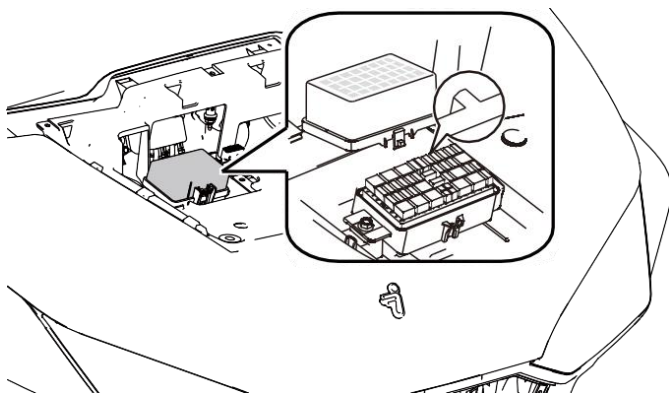
The fuse box is located at the front of the vehicle under the front service panel. To remove the front service panel, see page 58.

After the front service panel has been removed, the fuse box is located at the bottom. Press the locking tabs on the top and bottom of the fuse box cover. Once released, lift the cover and open the fuse box.

NOTICE

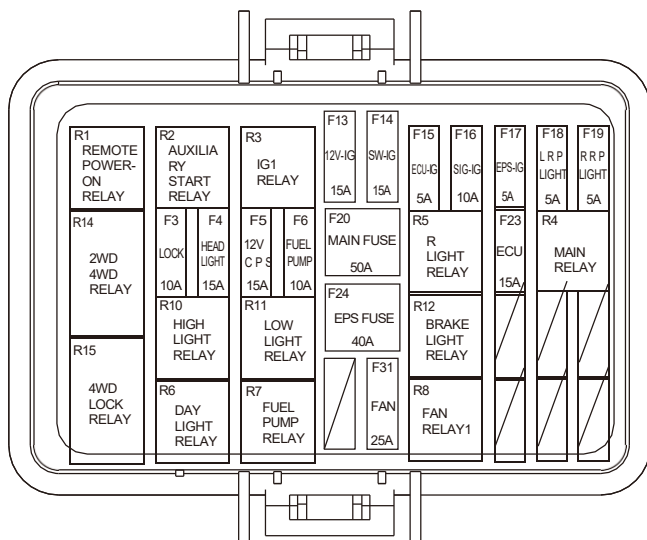
When installing the fuse box cover, pay attention to the orientation of the cover and locking tabs.

Vehicle models may vary, and the location and specifications of fuses may differ from location and specifications mentioned in this manual.



FUSE / RELAY RATINGS AND LOCATION

On the top of the fuse box cover, there is a label with location of the fuses/relays. Refer to this scheme when searching a fuse to be replaced.



Rated amperage of fuses/relays and their location

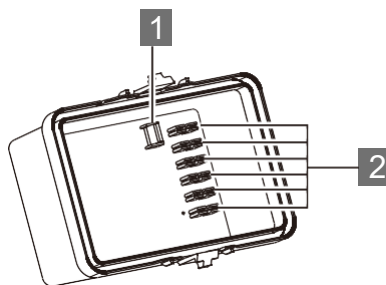
No.	Fuse/Relay	Power
F3	Ignition lock constant power fuse	10A
F4	Headlamp fuse	15A
F5	Instrument cluster/OBD/ECU/Central Display/TBOX	15A
F6	Fuel pump fuse	10A
F13	12V Outlet/Trailer Power Supply	15A
F14	Lamp/Brake/2-4WD switch fuse	15A
F15	ECU fuse	5A
F16	Ignition lock-instrument cluster/Central display/ TBOX/Vehicle speed	10A
F17	Ignition lock-EPS fuse	5A
F18	L R P Light	5A
F19	R R P Light	5A
F20	Main fuse	50A
F23	ECU Non-Constant Fuse	15A
F24	EPS fuse	40A
F31	Fan fuse	25A
R1	Remote power-on relay	12V 20A
R2	Auxiliary start relay	12V 20A
R3	IG1 relay	12V 20A
R4	Main relay	12V 20A
R5	Reverse Light relay	12V 20A
R6	Day light relay	12V 20A
R7	Fuel pump relay	12V 20A
R8	Electric fan relay 1	12V 20A
R10	High beam relay	12V 20A
R11	Low beam relay	12V 20A
R12	Brake light relay	12V 20A
R14	2-4WD relay	12V 20A
R15	4WD lock relay	12V 20A

FUSE REPLACEMENT

To prevent an accidental short circuit, turn the ignition switch to (OFF) before checking / replacing the fuse.

To check or replace the fuse, pull out the blown fuse with a fuse puller in the box cover. This tool will help you take out the fuse.

Fuse box cover is fitted with a spare fuse which can be replaced.



1 Fuse puller 2 Spare fuse

NOTICE

If a correct replacement fuse suitable for the circuit is not available, install a lower rated fuse.

APPEARANCE AND CARE

VEHICLE WASHING

Note: High pressure water can damage parts, and remove paint and decals.

1. Cover or plug the exhaust before washing your vehicle.
2. Fill a bucket with water. Mix in a mild, neutral detergent, such as dish washing liquid or a product made especially for washing motorcycles or automobiles.
3. Wash your vehicle with a sponge or soft towel. As you wash, check for heavy grime. If necessary, use a mild cleaner/ degreaser to remove the grime.
4. After washing, rinse the vehicle thoroughly with plenty of clean water to remove any residues. Detergent residues may corrode alloy parts.
5. Dry the vehicle with a chamois or a soft towel. Leaving water on the surface to air dry can cause dulling and water spots. As you dry, inspect for chips and scratches.
6. After the vehicle has been washed, it is recommended to use air- gun and compressed air to blow the water stains from the electronic components, connectors, and electrical parts before starting the vehicle. Otherwise it may result in a short-circuit and malfunction of the vehicle.
7. After washing ride your vehicle at a slow speed and apply the brakes several times. This will help to dry the brakes and restore normal braking performance.

Avoid the following components when washing with pressure-washer :

- Wheel bearings
- Cab and body panels
- Switches and controls
- Labels and decals
- Transmission seals/gaskets
- Electrical components
- Fuel system components
- Radiator

If any informational or warning label becomes illegible or comes off, contact your dealer to purchase a replacement label.

VEHICLE STORAGE

If the vehicle will not be used for a longer time, it should be appropriately stored. The vehicle should be serviced and thoroughly cleaned prior storing. If you do not have indoor storage, covered outdoor storage is recommended.

TRANSPORTING THE VEHICLE

Follow these precautions when transporting the vehicle.

1. Stop the engine
2. Place the transmission in PARK
3. Apply the parking brake.
4. Secure the fuel tank cap and seats.
5. Always securely tie the vehicle's frame to the transportation unit with suitable tie straps. Do not attach tie straps to the A-arms.
6. Remove the key to prevent loss during transportation.



SPECIFICATIONS

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TECHNICAL PARAMETERS OF THE VEHICLE

ITEM		SPECIFICATIONS
Segway UT6		
Length x width x height		3050 x 1600 x 1950 mm
Wheelbase		2110 mm
Front axle track width		1350 mm
Rear axle track width		1320 mm
Curb weight		772 kg
Ground clearance		320 mm
Turning radius		9000 ± 500 mm
Seat height		500 mm
Steering wheel diameter		350 mm
Maximum weight capacity		497 kg
Maximum cargo load		272 kg
Axle load (Curb weight)	Front (kg)	353 kg
	Rear (kg)	419 kg
Axle load (Full load weight)	Front (kg)	456 kg
	Rear (kg)	757 kg
EPS		Electric
Air filter type		Paper filter element
Shift operation mode		Mechanical
Fuel tank capacity		43 L
Fuel		Unleaded petrol, 95 octane, E10
Coolant capacity		4800 ml

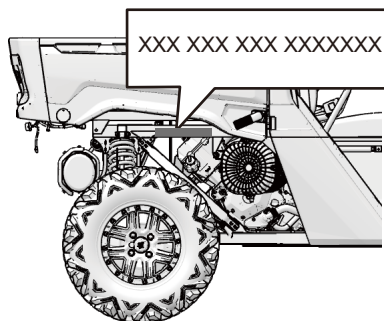
ITEM		SPECIFICATIONS
ENGINE		
Engine type	Four stroke, one-cylinder, DOHC	
Engine model	199MS-1	
Displacement	567 cm ³	
Compression ratio	10.7 ± 0.5:1	
Bore × Stroke	99 x 73.6 mm	
Rated Power (kW)	30 kW @ 7000 r/min	
Rated Torque	50 Nm @ 4500 r/min	
Idle speed	1350±100 r/min	
Starting system	Electric	
Ignition	EFI	
Spark plug	NGK CPR7EA	
Spark plug gap	0.6-0.8 mm	
Lubrication system	Wet Sump	
Cooling system	Liquid cooled	
Lubricating oil	Engine	SAE 10W/40 SJ or higher
	Rear Axle	SAE 80W-90 GL-5
	Front Axle	SAE 80W-90 GL-5
Oil capacities	Engine	2200 ml
	Rear Axle	200 ml (no rear differential) 240 ml (with rear differential)
	Front Axle	260 ml
CVT transmission ratio	0.694~2.967	
Alternator	580 W	

ITEM		SPECIFICATIONS		
TIRES / WHEELS				
Tires	Front	27×9.00-14	27×9.00R14	30×10.00R14
	Rear	27×11.00-14	27×11.00R14	30×10.00R14
Tire pressure	Front	70 KPa		
	Rear	110 KPa		
Wheels	Front	14×6.5 AT Aluminum rim, or 14×6.0 AT Steel rim		
	Rear	14×7.0 AT Aluminum rim, or 14×7.5 AT Steel rim		
BRAKES				
Main brake	Type	Hydraulic/Disc		
	Operation method	Right foot activated		
Parking brake	Type	Mechanic		
	Operation method	Hand		
SUSPENSION				
Front suspension stroke		230 mm		
Rear suspension stroke		265 mm		
Suspension type	Front	Double-wishbone independent suspension		
	Rear	Double-wishbone independent suspension		
Shock absorber	Front	Hydraulic, adjustable spring preload		
	Rear	Hydraulic, adjustable spring preload		

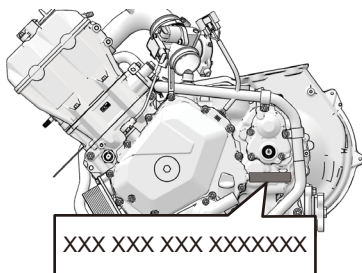
ELECTRIC SYSTEM		
ITEM	SPECIFICATIONS	
Headlights	Headlight	55W×2 (H4)
	Fr. Position light	LED 0.5W
	Daytime Running Lights	LED 4.2W
	Front turn signal light	LED 4.8W
Tail light	Rear brake light	21W (P21/5W)
	Rear position light	Red 5W (P21/5W)
	Rear turn signal light	Amber 10W (RY10W)
License plate light		5W / W5W / LED
Battery		12V 32Ah, Maintenance free
Dashboard		TFT color screen (black and white LCD meter) / Segment code screen, optional
Winch		4500 lbs

VEHICLE IDENTIFICATION NUMBER

Record the vehicle identification number and engine serial number in the spaces provided for assistance when ordering spare parts from a dealer, or for reference in case the vehicle is stolen.



Vehicle identification number



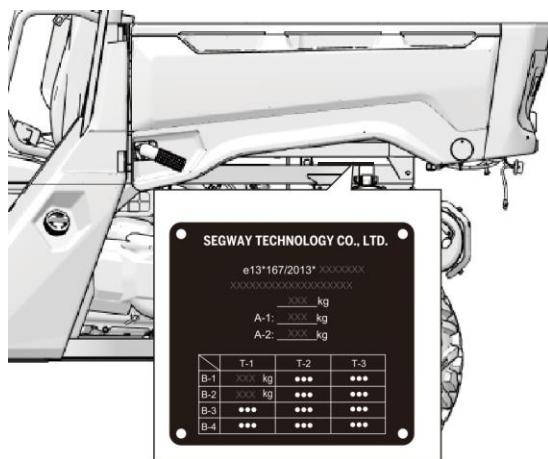
Engine serial number

VEHICLE IDENTIFICATION NUMBER

ENGINE SERIAL NUMBER

IDENTIFICATION PLATE

Identification plate contains basic vehicle information including VIN number. VIN number is required when the vehicle is activated for the first time.





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With all the challenges you can encounter off-road, there's chance that sometimes something may go wrong. This section gives you practical advice to help you deal with a wide range of problems. Take time to read this section before you ride.

DRIVE BELT WEAR / BURN

Possible Cause	Solution
Driving the vehicle onto a pickup or trailer in High range ("H")	Shift to Low range ("L") when loading of the vehicle to prevent belt burning
Starting out going up a steep incline	When starting out on an incline, use Low range
Driving at low RPM or low speed (at approximately 5-10 km/h)	Drive at a higher speed or use Low range more frequently. The use of Low range is highly recommended for cooler CVT operating temperatures and longer component life
Insufficient engine warm-up in low ambient temperatures	Warm the engine before driving. The belt will become more flexible and prevent belt burning
Slow and hesitating clutch engagement	Use the throttle quickly and effectively for efficient engagement
Towing/pushing at low RPM/low speed	Use Low range only ("L")
Utility use/plowing snow, dirt, mowing etc.	Use Low range only("L")

Possible Cause	Solution
Stuck in mud or snow	Shift to the Low range (“L”), and use fast, aggressive throttle to engage clutch. WARNING: Excessive throttle may cause loss of control and vehicle overturn
Climbing over large objects from a stopped position	Shift to the Low range (“L”), and use fast, aggressive throttle to engage clutch. WARNING: Excessive throttle may cause loss of control and vehicle overturn
Belt slippage from water or snow ingestion into the CVT system	Remove the CVT cover and drain the water from CVT system
CVT clutch malfunction	Contact your dealer for inspection of clutch components

ENGINE DOESN'T TURN OVER

Possible Cause	Solution
Poor engine performance	Check for fouled plugs or foreign substances in gas tank, fuel lines, or throttle. Contact your dealer for service.
Low battery voltage	Recharge battery
Loose battery connections	Check / tighten all connections
Loose solenoid connections	Check / tighten all connections

ENGINE PINGS OR KNOCKS

Possible Cause	Solution
Poor quality or low octane fuel	Replace with recommended fuel
Incorrect ignition timing	Visit Segway Powersports dealer
Incorrect spark plug gap or heat range	Set gap to specifications or replace spark plug

ENGINE STOPS OR LOSES POWER

Possible Cause	Solution
Overheated engine	Clean radiator screen and core if equipped Clean engine exterior Visit Segway Powersports dealer

ENGINE TURNS OVER, BUT FAILS TO START

Possible Cause	Solution
Out of fuel	Refuel
Clogged fuel valve or filter	Inspect and clean or replace
Water is present in fuel	Drain the fuel system and refuel
Fuel valve is faulty	Replace

Old or non-recommended fuel	Replace with new fuel
Fouled or defective spark plug	Inspect plug, replace if necessary
No spark from spark plug	Inspect plug, verify the Stop switch is on
Crankcase filled with water or fuel	Visit Segway Powersports dealer immediately
Clogged fuel injector	Clean or replace the fuel injector
Low battery voltage	Recharge battery
Mechanical failure	Visit Segway Powersports dealer

ENGINE BACKFIRES

Possible Cause	Solution
Weak spark from the spark plug	Inspect, clean and/or replace spark plug
Incorrect spark plug gap or heat range	Set gap to specifications or replace plug
Old or non-recommended fuel	Replace with new fuel
Incorrectly installed spark plug cables	Visit Segway Powersports dealer
Incorrect ignition timing	Visit Segway Powersports dealer
Mechanical failure	Visit Segway Powersports dealer

ENGINE RUNS IRREGULARLY, STALLS OR MISFIRES

Possible Cause	Solution
Fouled or defective spark plug	Inspect, clean and/or replace spark plug
Worn or defective spark plug wires	Visit Segway Powersports dealer
Incorrect spark plug gap or heat range	Set gap to specs or replace plugs
Loose ignition connections	Check all connections and tighten
Water present in fuel	Replace with new fuel
Low battery voltage	Recharge battery

ENGINE RUNS IRREGULARLY, STALLS OR MISFIRES

Possible Cause	Solution
Kinked or plugged fuel vent line	Inspect and replace
Incorrect fuel	Replace with recommended fuel
Clogged air filter	Inspect and clean or replace
Override (reverse speed limiter) malfunction	Visit Segway Powersports dealer
Electronic throttle control malfunction	Visit Segway Powersports dealer
Other mechanical failure	Visit Segway Powersports dealer
Possible Lean or Rich Fuel Mixture	Visit Segway Powersports dealer
Low or contaminated fuel	Add or change fuel, clean the fuel system

Low octane fuel	Replace with recommended fuel
Clogged fuel filter	Replace fuel filter
Fuel is very high octane	Replace with recommended fuel

ENGINE STOPS OR LOSES POWER

Possible Cause	Solution
Out of fuel	Refuel
Kinked or plugged fuel vent line	Inspect and replace
Water present in fuel	Replace with new fuel
Fouled or defective spark plug	Inspect, clean and/or replace spark plug
Worn or defective spark plug cables	Visit Segway Powersports dealer
Incorrect spark plug gap or heat range	Set gap to specifications or replace plug
Loose ignition connections	Check / tighten all connections
Low battery voltage	Recharge battery
Clogged air filter	Inspect, clean or replace
Override (reverse speed limiter) malfunction	Visit Segway Powersports dealer
Electronic throttle control malfunction	Visit Segway Powersports dealer
Other mechanical failure	Visit Segway Powersports dealer

DIAGNOSTIC / TROUBLE CODES

System	Code	Failure Description
ECU	P000262	Cylinder 1 Injector Circuit High
	P000261	Cylinder 1 Injector Circuit Low
	P000201	Injector Circuit/Open – Cylinder 1
	P000629	Fuel Pump “A” Control Circuit High
	P000628	Fuel Pump “A” Control Circuit Low
	P000627	Fuel Pump “A” Control Circuit /Open
	P000511	Stepper motor open circuit or unreasonable
	P000509	Stepper motor short circuit to 12V power supply
	P000508	Stepper motor short circuit to ground
	P002300	Ignition coil short circuit to ground fault
	P000108	Manifold Absolute Pressure/ Barometric Pressure Circuit High
	P000107	Manifold Absolute Pressure/ Barometric Pressure Circuit Low
	P000322	Ign./Distributor Eng.Speed Inp.Circ. No Signal
	P000113	Intake Air Temperature Sensor 1 Circuit Low
	P000112	Intake Air Temperature Sensor 1 Circuit High
	P000118	Engine Coolant Temperature Sensor 1 Circuit Low
	P000117	Engine Coolant Temperature Sensor 1 Circuit High
	P000563	System Voltage High
	P000562	System Voltage Low
	P000560	System Voltage Not plausible
	P000501	Vehicle Speed Sensor “A” Range/Performance
	P000123	Throttle position sensor High Voltage
P000122	Throttle position sensor Low Voltage	
P000032	O2 Sensor Heater Control Circuit High Bank 1 Sensor 1	

System	Code	Failure Description
ECU	P000031	O2 Sensor Heater Control Circuit Low Bank 1 Sensor 1
	P000030	O2 Sensor Heater Control Circuit Bank 1 Sensor 1
	P000132	O2 Sensor Circuit High Voltage Bank 1 Sensor 1
	P000131	O2 Sensor Circuit Low Voltage Bank 1 Sensor 1
	P013000	O2 Sensor Circuit No Activity Detected Bank 1 Sensor 1
	P000134	O2 Sensor Circuit Bank 1 Sensor 1
	P000692	Fan 1 Control Circuit High
	P000691	Fan 1 Control Circuit Low
	P000480	Fan 1 Control Circuit
	P000459	Evaporative Emission System Purge Control Valve Circuit High
	P000458	Evaporative Emission System Purge Control Valve Circuit Low
	P000444	Evaporative Emission System Purge Control Valve Circuit Open
EPS	E0001	No midpoint of torque is written
	E0002	No end point of rotor angle is written
	E0003	Memory read write failure
	E0004	The main torque sensor is disconnected
	E0005	Abnormal output of main torque sensor
	E0006	The secondary torque sensor is disconnected
	E0007	Abnormal output of secondary torque sensor
	E0008	The difference between main and secondary torques is too large
	E0009	The difference between the main torque before and after amplification is too large
	E0010	Electrical machinery unassisted
	E0011	Over electric current
	E0012	Abnormal busbar electric current
	E0013	CAN communication abnormal (Output abnormally)
	E0014	Rotor Angle jump

System	Code	Failure Description
EPS	E0015	The rotor Angle sensor is disconnected
	E0016	Power module failure
	E0017	Abnormal A phase electric current
	E0018	Abnormal C phase electric current
	E0019	Steering wheel Angle small gear abnormal
	E0020	Steering wheel Angle middle gear abnormal
	E0021	Steering wheel Angle jumps
	E0022	Steering wheel Angle value exceeds limit
	E0023	The steering wheel Angle is not right
	E0024	Abnormal voltage at electrical machinery end
T-BOX	T0001	GPS module failure
	T0002	4G module failure
	T0003	Bluetooth module failure
	T0004	Sensor failure
	T0005	Power CAN failure
	T0006	Body CAN failure



EMISSION CONTROL SYSTEM

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NOISE CONTROL SYSTEM	159

SOURCE OF EXHAUST EMISSIONS

The combustion process produces carbon monoxide (CO), oxides of nitrogen (NO_x) and hydrocarbons (HC). Control of hydrocarbons and oxides of nitrogen is very important, because, under certain conditions, they react to form photochemical smog when subjected to sunlight. Carbon monoxide does not react in the same way, but it is toxic.

EXHAUST EMISSION CONTROL SYSTEM

The exhaust emission control system includes a PGM-F system and oxygen sensor.

No adjustments to this system should be made although periodic inspection of the components is recommended.

The exhaust emission control system is separate from the crankcase emission control system.

CRANKCASE EMISSION CONTROL SYSTEM

The engine is equipped with a closed crankcase system to prevent discharging crankcase emissions into the atmosphere. Blow-by gas is returned to the combustion chamber through the air cleaner.

NOISE CONTROL SYSTEM

Do not modify the engine, air intake or exhaust components, in order to meet local noise level requirements.

Declaration of driver's exposure to noise level


The undersigned: Zhu kun, General Manager
Company name and address of the manufacturer:
Segway Technology Co., Ltd.
No. 395, Xiacheng South Road, Wujin National High-tech Industrial
Development Zone, Changzhou, Jiangsu, China

Hereby declares that:
For the following vehicle:

- 1.1. Make (trade name of the manufacturer): SEGWAY
- 1.2. Type: SGW570F-U3
 - 1.2.1. Variant(s): SGW570F-U3
 - 1.2.2. Version(s): A,B
 - 1.2.3. Commercial name(s) (if available):
SEGWAY UT6, SEGWAY FUGLEMAN UT6, SEGWAY UT6 STANDARD,
SEGWAY UT6 PREMIUM, SEGWAY UT6 S, SEGWAY UT6 P
- 1.3. Category, subcategory and speed index of the vehicle:
Variant/Version: SGW570F-U3/A: T1a
Variant/Version: SGW570F-U3/B: T1b

The Driver's exposure to noise level result is
Variant/Version: SGW570F-U3/A: 85.8 dB(A)
SGW570F-U3/B: 86.0 dB(A)
(Limit: 86 dB(A)) according to test method 2 in accordance with :section
3 of Annex XIII to EU 1322/2014.

Place: Changzhou, China Date: 10/6/2024

Signature:  Name and position in the company: Zhu kun,
General Manager

Declaration of vibration declaration

The undersigned: Zhu kun, General Manager

Company name and address of the manufacturer:

Segway Technology Co., Ltd.

No. 395, Xiacheng South Road, Wujin National High-tech Industrial Development Zone, Changzhou, Jiangsu, China

Hereby declares that:

For the following vehicle:

1.4. Make (trade name of the manufacturer): SEGWAY

1.5. Type: SGW570F-U3

1.5.1. Variant(s): SGW570F-U3

1.5.2. Version(s): A,B

1.5.3. Commercial name(s) (if available):



SEGWAY UT6, SEGWAY FUGLEMAN UT6, SEGWAY UT6 STANDARD,
SEGWAY UT6 PREMIUM、SEGWAY UT6 S、SEGWAY UT6 P

1.6. Category, subcategory and speed index of the vehicle:

Variant/Version: SGW570F-U3/A: T1a


Variant/Version: SGW570F-U3/B: T1b

The value of the vibration level measured according to Annex XIV to EU 1322/2014 is

Driver mass	Test run	a_{ws} m/s ²	a_{wb} m/s ²	a_{ws}/a_{wb}	Requirement	Test passed
59±1kg	Test run 1	0.49	1.37		Deviation<10% between test run 1/2 and Arithmetic mean,	
	Test run 2	0.50	1.37			
	Arithmetic mean	0.50	1.37			
98±5kg	Test run 1	0.44	1.37		Arithmetic mean, $a_{ws}<1.25$ m/s ²	
	Test run 2	0.44	1.38			
	Arithmetic mean	0.44	1.38			0.32

a_{ws} :rms value of the weighted seat vibration acceleration measured during a standard roadway test

Place: Changzhou, China Date: 10/6/2024

Signature:  Name and position in the company: Zhu kun,
General Manager



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