ELECTRIC UTV

OWNER'S MANUAL

CAMPUS

Please Read This Manual Carefully

This Manual Contains Important Safety Information

Persons under 18 years of age are prohibited from driving this vehicle

Children under 12 years of age are prohibited from riding

CONTENTS

Foreword

Welcome

Thank you for purchasing a vehicle from our company and welcome to our global family of enthusiasts. We consistently design and manufacture our products to the highest performance and quality standards. We believe you will enjoy the outstanding performance, reliability, ride comfort, and safety of this vehicle.

For safe and enjoyable operation of your vehicle, please ensure you follow the guidance and recommendations in this Owner's Manual. This manual contains maintenance and service instructions. Your authorized dealer is the most familiar with your vehicle and is most concerned with your overall satisfaction. Please return to your dealer for service during and after the warranty period.

Foreword

⚠DANGER

Driving this vehicle model involves significant risk. Before driving, the driver must meet the following basic requirements:

1. The driver must be at least 18 years of age.
2. The driver is required to hold a driver's license with Class D or E vehicle authorization.
3. The driver must have completed professional driving training and mastered the driving techniques for this vehicle model.
4. Understand the relevant local regulations and know the authorized driving areas for this vehicle model.
5. Have carefully read and understood the entire contents of this manual.

If the driver does not meet the above basic requirements, driving this vehicle model is prohibited.

The driver must carefully select passengers. Passengers must meet the following basic requirements:

1. Passengers must be at least 12 years of age.
2. Passengers must be tall enough to sit securely in the vehicle's passenger seat.
3. Passengers must be able to cope with swaying, bouncing, sudden acceleration, sudden braking, and other conditions during driving.
4. Have carefully read and understood the entire contents of this manual.

If the passenger does not meet the above basic requirements, riding in this vehicle model is prohibited.

Read this manual in detail. The manual contains additional information that can help protect the driver and passengers from injury.

⚠NOTE

Some features described in this manual may not apply to the vehicle model sold in your market. All descriptions and directional references in this manual are based on the operator's perspective when seated in the vehicle.

This manual covers most configurations. Some configurations may not apply to the vehicle you purchased. Please refer to the manual content selectively based on your vehicle's configuration.

Foreword

SIGNAL WORDS

Signal words draw attention to safety signals or other signals, performance failure signals, and specify the severity or level of danger. The standard signal words in this manual include: WARNING, CAUTION, NOTE, and NOTICE.

The following signal words and symbols appear in this manual and on your vehicle. When these words and symbols appear, they relate to your safety. Please familiarize yourself with the meaning of these symbols before reading this manual:

WARNING

This safety alert and symbol indicates a potential hazard that could result in injury or death.

CAUTION

This safety alert and symbol indicates a potential hazard that could result in minor to moderate personal injury and/or vehicle damage. CAUTION

This safety alert without a symbol indicates a situation that may result in vehicle damage.

NOTE / NOTICE

Notes and notices alert you to important information or instructions.



NEVER:

- Operate the vehicle without proper training or instruction.
- Operate the vehicle on public roads, as collisions with other vehicles may occur.
- Operate the vehicle on paved roads, as paved surfaces can seriously affect handling.
- Drive at speeds beyond your skill level, conditions, or terrain allowance.
- Consume alcohol or take drugs before operating the vehicle.

ALWAYS:

- Avoid paved road surfaces, as they can adversely affect handling.
- Use proper driving techniques to prevent rollover on hills, rough terrain, and during turns.
- Wear eye protection, a helmet, and protective clothing.

Read the Owner's Manual
Follow All Instructions and Warnings

⚠WARNING
Read, understand, and follow all instructions and safety warnings in this manual and on all product warning labels. Failure to follow safety warnings may result in serious injury or death.

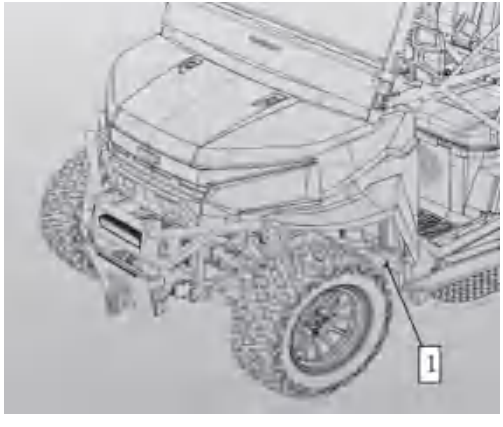
⚠WARNING
If the vehicle battery or electronic control system develops a fault, promptly contact the dealer for inspection and repair.

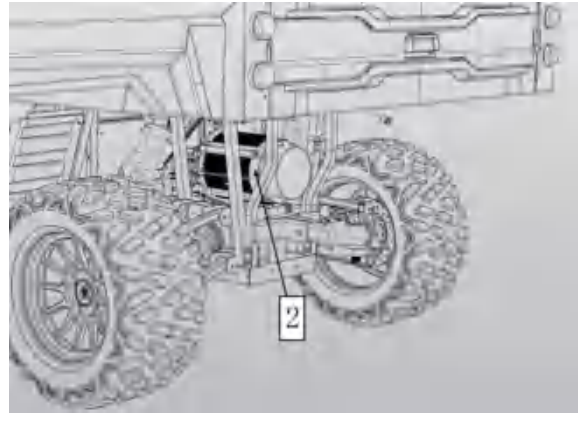
⚠WARNING
Unauthorized persons must not start or drive the vehicle.

Introduction

Vehicle Identification Number and Vehicle Key Information

Please record your Vehicle Identification Number in the space below. Remove the spare key and store it in a safe place. Your key can only be duplicated by matching a blank key with an existing key. If both keys are lost, the entire lock assembly must be replaced.





1. Vehicle Identification Number (VIN)
2. Motor Code

Specification Table

Refer to the Specification Table for Vehicle Information

Item	
Overall Length	116in. (2950mm)
Overall Width	61.8in. (1570mm)
Overall Height	78in. (1980mm)
Wheelbase	76.8in. (1880mm)
Ground Clearance	11.4in. (290mm)
Minimum Turning Radius	167in. (4250mm)
Curb Weight	1499.1lb. (680kg)
Rear Cargo Bed Load Capacity	661.4lb. (300kg)
Maximum Allowable Vehicle Load	1058.2lb. (480kg)
Recommended Towing Load: Hitch Ball Load Capacity Trailer and Cargo Load Capacity	 88lb. (40kg) 882lb. (400kg)

Product Specifications

Item	
Motor	
Motor Model	TZ180X72100A
Motor Type	Permanent Magnet Synchronous Motor
Maximum Motor Power	20kW
Maximum Speed	35mph
Power Battery	
Battery Type	Lithium Iron Phosphate (LiFePO4) Battery
Total Capacity	11.04kWh
Nominal Voltage	73.6V
On-Board Power Supply	
Charging Power	2.95/1.5kW
DC/DC Power	500W
Charging Gun	
Charging Gun Specifications	Y-60
Mains Voltage	100-240V AC

Product Specifications

Item	
Front Reducer Oil Type Volume Regular Oil Replacement	 SAE 80W-90 GL-5 0.275 qt. (260mL)
Rear Reducer Oil Type Volume Regular Oil Replacement	 SAE 80W-90 GL-5 0.845 qt. (800mL)
Frame	Steel Tube

Product Specifications

Item	
Tires: Type Front Wheels (Optional - available in select markets) Rear Wheels (Optional - available in select markets) Wheel Rim Bolt Circle	 Tubeless 26x9-14 All-Terrain Tire 26x11-14 All-Terrain Tire 4×110mm
Tire pressure: Front Rear	 Recommended Pressure: 36 PSI (250 kPa) Recommended Pressure: 36 PSI (250 kPa)

Product Specifications

Item	
Brake System: Foot Brake Type / Operation Parking Brake Type / Operation	Front Axle: Dual Disc Brakes Rear Axle: Dual Disc Brakes
	Foot-Operated Four-Wheel Disc Brakes
	Electromagnetic Brake Auto-Park Reducer Ratchet Pawl Lock
Brake Fluid Type	DOT 4
Suspension: Front suspension Rear suspension	 Double A-Arm Independent Suspension Double A-Arm Independent Suspension
Shock Absorbers: Front Shock rear shock absorber	Hydraulic Shock Absorber Hydraulic Shock Absorber
Wheel Travel: Front Wheel Travel Rear Wheel Travel	 44 in. (1117 mm) 44 in. (1117 mm)

Electrical Product Specifications

battery	73.6V/150Ah
72V Fuses	Winch -- 30A Parking Brake -- 5A Key Wake-Up Power -- 5A Cargo Bed Electric Actuator -- 10A
12V Fuses	Instrument Panel and Multimedia Constant Power, Reverse Wake-Up -- 10A Drive Mode Switch, Differential Lock, Instrument Panel and Multimedia Wake-Up, Spotlights, Ambient Light Controller, Shift Actuator, 72V Circuit Relay -- 20A Taillights, Headlights, Turn Signals, Horn, USB Charging Port -- 20A Motor Controller -- 10A EPS Electronic Power Steering System -- 35A

Driver Safety

General Safety Warning

⚠WARNING

Failure to heed the warnings in this manual may result in serious injury or death. This vehicle is not a toy and is hazardous to operate. This vehicle handles differently from other vehicles such as automobiles. If you do not take proper precautions, collisions or rollovers can occur suddenly even during routine operations such as turning or crossing obstacles.

Please carefully read this manual before operating this vehicle. Understand all safety warnings, precautions, and operating procedures.

Age Restrictions

This vehicle is for adult use only. Anyone under 18 years of age is prohibited from operating this vehicle. Children under 12 years of age are prohibited from riding in vehicles designed to carry passengers.

Get Familiar with Your Vehicle

As the operator of this vehicle, you are responsible for your personal safety, the safety of others, and environmental protection. Please carefully read and understand this Owner's Manual, which contains valuable information about all aspects of the vehicle, including safe driving operating procedures.

Driver Safety

Equipment Modifications

Our company cares about the safety of our customers and the public. Therefore, we strongly advise customers not to install any equipment on the vehicle that increases speed or power, or to make any other modifications for such purposes. Any modification to the original vehicle creates serious safety hazards and increases the risk of personal injury. If any unauthorized accessories are installed on the vehicle, or any modifications that increase speed or power are made, our vehicle warranty will be immediately voided.

NOTE:

Installing certain accessories that may change vehicle handling and performance characteristics, including but not limited to mowers, plow blades, oversized tires, sprayers, large luggage racks, cranes, and trailers. Use only approved accessories and familiarize yourself with their functions and effects on the vehicle.

- **Avoid Burns from Contact with Hot Components**

The three-electric system (motor, controller, battery) generates heat during operation. Do not touch these components during or shortly after vehicle operation to avoid injury.

Driver Safety

Vehicle High-Voltage System Damage

The vehicle's specialized voltage range is 57.5-83.95V. Therefore, rescue operations require careful handling and proper equipment support.

DANGER
If vehicle high-voltage cable components are damaged and wiring and terminals are exposed, do not touch the exposed parts under any circumstances. Additionally, if you are unsure whether the damaged component is a vehicle high-voltage part, do not touch the exposed wiring or terminals. Touching wiring or terminals without proper safety protection may result in severe burns or electric shock causing serious injury or death. If you must touch exposed sections of vehicle high-voltage cables or voltage components, or if there is a risk of contact, you must use insulation protective equipment rated for electric vehicle high voltage (insulated rubber gloves, rubber insulated shoes, safety goggles). When personnel are separated from the vehicle, such as when storing it after an accident, affix a "Work in Progress. Do Not Touch!" hazard sign to the vehicle body to prevent other persons from inadvertently touching the vehicle and causing a serious safety incident.⚠

Preliminary Preparation

When servicing or handling the vehicle's high-voltage system, please prepare at least the following safety protection measures:

- Insulation protective equipment, including insulated gloves, safety goggles, insulated shoes, etc.;
- ABC dry powder fire extinguisher;
- Solvent-resistant protective equipment, including gas masks for organic gases, chemical-resistant rubber gloves, etc.;
- Rags and towels.

Driver Safety

The Following Actions May Cause Battery Overheating, Smoke, Fire, or Explosion

Do not add water to the battery or immerse the battery in water;

Do not place the battery near fire sources or heaters;

Do not leave the battery in high-temperature locations such as direct sunlight for extended periods (≥ 60°C);

Do not strike or throw the battery;

Do not apply external force that may cause the battery to crack or deform;

Battery Smoke or Overheating

If abnormal heating of the power battery is detected, disconnect the vehicle power, evacuate all occupants, and contact an authorized dealer for consultation;

If the power battery is found to be smoking, immediately move away from the vehicle, contact the fire department, prepare for potential fire, and contact an authorized dealer to recycle and dispose of the waste battery. Waste batteries are classified as "hazardous waste" — do not dispose of them yourself.

Water in which the battery has been submerged is contaminated with metal ions and other substances. Treat it as waste liquid and dispose of it properly.

Driver Safety

Vehicle / Battery Fire

ABC dry powder or electrical fire extinguishers can most quickly suppress electrically-caused fires. If the fire cannot be controlled, evacuate immediately, contact the fire department, and remove all flammable items nearby.

When cable insulation coating causes a short circuit due to burning or when large amounts of water are used for firefighting, the vehicle's high voltage will be cut off.

Depending on the location of the fire, the vehicle's high voltage may not be automatically cut off. Therefore, always disconnect the vehicle power after a fire.

If the vehicle catches fire and the fire has not spread to the high-voltage battery, it can be treated with foam, carbon dioxide, or other extinguishing agents used for conventional vehicle fires. If the power battery catches fire, large amounts of water are needed for cooling and extinguishing.

Vehicle Submersion

If the vehicle is submerged, water infiltration may cause short circuits or electrical leakage, resulting in the high-voltage system being cut off or creating an electric shock risk. If power battery or other faults occur after the vehicle has been through water, turn off the vehicle and contact an authorized dealer.

Driver Safety

Battery Damage

If the battery is damaged due to collision or other circumstances, follow these procedures:

If battery leakage is suspected, refer to the "Battery Smoke or Overheating" section for handling;

If the battery casing is cracked or damaged, contact an authorized dealer for recycling or repair;

How to Completely Disconnect Power

The main switch is located on the side of the lithium battery. Lift the seat cushion and long-press the main switch to cut off power.

Even after the main switch is turned off, the charge stored in capacitors and similar components takes approximately ten minutes to be fully discharged. Wait before performing any work to avoid short circuits and other accidents.

After disconnecting the battery, wait a few seconds for the battery to discharge before starting work.

If the vehicle's high-voltage cables are damaged with wiring or terminals exposed, do not touch the exposed parts under any circumstances. Furthermore, if you are unsure whether the damaged component is a high-voltage part, do not touch the exposed wiring or terminals. Accidental contact with wiring or terminals may cause severe burns or electric shock resulting in serious injury or death.

Driver Safety

Power Battery

Battery capacity gradually decreases with usage time and mileage. Proper use and maintenance can effectively extend battery life. Battery Storage/Usage Environment

Do not store/use in environments prone to water immersion;

Do not store/use in high-temperature environments (≥ 60°C);

Do not store/use in environments with high humidity or significant humidity fluctuations;

Do not store/use in environments with excessive dust or gravel;

Do not store/use near fire sources;

Do not store/use near flammable or explosive materials;

Do not store in sealed containers;

Do not store/use in environments accessible to children or pets;

Charging Temperature	Discharge Temperature
-20℃~55℃	-30℃~55℃

The battery should be stored in a dry, clean, well-ventilated warehouse at a temperature of 5-40°C, with state of charge (SOC) maintained at 50%. Every 6 months, perform one full charge and full discharge cycle using a compatible charger.

If battery casing cracking, smoke, or overheating is detected during storage or use, refer to the "Battery Smoke or Overheating" section, and promptly contact an authorized dealer for recycling or repair;

Battery replacement must use original factory power batteries. Using non-original power batteries may result in failure to start, circuit faults, electrical component damage, etc. Faults caused by non-original power batteries are the user's responsibility.

Driver Safety

Battery Maintenance

Before first use, charge the power battery to at least 80% before operation.

When the instrument indicates 20% remaining charge, charge as soon as possible. Avoid depleting the battery to its minimum level, as this will affect battery life. After a complete discharge, the battery pack must be charged for at least 1 hour within 24 hours to prevent continued self-discharge from damaging the battery pack.

Do not install any additional electrical equipment on the vehicle. Substandard electrical equipment may cause short circuits, fires, electric shock, and other accidents. Additional electrical equipment will affect the vehicle's driving range and reduce battery life.

Prolonged hill climbing or high-speed driving can cause excessive battery temperature.

It is recommended to visit an authorized dealer every three months for inspection and maintenance to check for loose connections and determine if the battery requires maintenance or service.

Use only the original charger or designated charging station for charging. Non-original chargers or non-designated charging stations may result in charging failure or circuit/battery faults.

If the vehicle is parked for extended periods, check the power battery charge level every two weeks to prevent excessive discharge.

Charging

WARNING
It is recommended not to charge or park the vehicle inside residential buildings. When charging, keep away from flammable and explosive materials, and guard against flames and sparks. Do not overcharge. It is recommended not to charge in enclosed spaces or high-temperature environments. Do not charge in rainy or humid conditions. Never plug or unplug the charging connector with wet hands. It is recommended that charging be supervised to prevent accidents. If the vehicle's power battery temperature is too high or has just undergone rapid discharge from vigorous driving, allow it to cool before charging. Charging at high temperatures will shorten the power battery's service life.

Charging Gun

When the battery is fully charged, the Battery Management System (BMS) will automatically cut off the charging current to prevent overcharging.

When charging, use the original factory charging gun and a stable AC power supply. Do not use generators or other equipment to charge the vehicle.

During charging, avoid exposing the charging gun control box to direct heat sources or sunlight. If the indicator light is abnormal, there is an unusual odor, or the housing overheats, immediately stop charging, unplug the power, and have the charger inspected or replaced at an authorized dealer.

Do not use charging guns from other electrical equipment, as this may cause battery overcharging and damage.

HIGH VOLTAGE DANGER. Do not disassemble, repair, or replace components inside the charging gun yourself.

Using a charging gun with abnormal charging characteristics will result in undercharging or overcharging the battery.

Driver Safety

The charging gun should be used and stored in a dry, well-ventilated environment. Prevent liquids, particles, or metal objects from entering the charging gun to avoid internal short circuits.

Do not modify the charging gun in any way, including extension cords, power strips, splitters, ground adapters, surge protectors, or any similar electrical devices.

If the charging cable is worn, insulation is damaged, wires are exposed, or any significant damage is visible, do not continue to use it.

If the charging gun housing or charging connector is cracked, broken, or shows any significant damage, do not continue to use it.

The charging gun must be properly grounded during use. Proper grounding reduces the risk of electric shock in case of charger malfunction. If you are unsure whether the outlet has grounding capability, contact a qualified electrician for inspection and verification.

Power Supply Information

When the vehicle is in the off state, the vehicle's electronic devices still consume power from the power supply at a very low rate.

HIGH VOLTAGE WARNING

DANGER
Working on high-voltage components requires specialized training, qualifications, and tools. All work not described and explained in this manual must only be performed by trained technicians. Do not open the motor, lithium battery, or on-board charger.

Fault Maintenance

If any fault occurs in the vehicle power or charging system, visit an authorized dealer for repair or replacement.

Driver Safety

Extreme Environment Precautions

Low-Temperature Environment

Generally, low-temperature environments do not permanently affect the vehicle's power battery, but low temperatures will temporarily affect power battery energy output. The colder the environment, the more the driver will notice changes in the driving experience, such as reduced power. Correspondingly, the time required for the vehicle to reach maximum speed will also increase.

It is not recommended to drive the vehicle in environments below -5°C. If driving is necessary, charge the vehicle in an environment above 0°C after driving. Note that the BMS does not recommend discharging the power battery in environments below -10°C. When charging the power battery in low-temperature environments, the system will first warm the battery to normal temperature before charging begins.

Storage temperatures below -20°C may cause permanent degradation of power battery performance. Therefore, it is not recommended to store the vehicle at excessively low temperatures. Above this temperature, following long-term storage requirements will ensure the power battery is not permanently affected during winter storage, even if the storage temperature is well below freezing.

High-Temperature Environment

High-temperature environments will not cause any noticeable performance changes in vehicle operation. However, if the power battery temperature exceeds 55°C, the BMS will prohibit the power battery from continuing to discharge.

At ambient temperatures above 45°C, battery charging speed will decrease. When the battery temperature exceeds 55°C, charging will stop.

Storing the vehicle long-term in environments above 40°C with direct sunlight may cause permanent degradation of power battery performance.

Driver Safety

User Responsibilities

Qualified and Responsible

Please carefully read this Owner's Manual and the warning labels on the vehicle. If conditions permit, take a safe driving training course in an open area and practice at low speeds. High-speed driving requires more experience, knowledge, and suitable driving conditions. Please master vehicle operation control techniques and routine vehicle operations.

This vehicle is for adult use only. Operation by persons under 18 years of age is prohibited. The operator must be tall enough to sit properly in the seat with their back against the backrest and seatbelt fastened, while their hands can grip the steering wheel, their right foot can reach and control the full range of the brake and accelerator pedals, and their left foot can be firmly placed on the footrest.

Depending on local laws, the driver may be required to hold a valid driver's license.

Carrying Passengers

● Only one passenger is allowed, and the passenger must be properly seated in the passenger seat.

● Passengers must be at least 12 years old and tall enough to remain properly seated with their back against the backrest and seatbelt fastened, while holding the handgrips with both hands, feet firmly positioned, right foot on the footrest, and left foot on the vehicle floor.

● Do not carry passengers who have taken medication, consumed alcohol, are drowsy, or are ill. These conditions slow reaction time and impair judgment.

● Instruct passengers to read the vehicle safety warning labels.

● If you determine that a person's ability or judgment is insufficient to concentrate on and adapt to terrain conditions, refuse to carry such a passenger.

Driver Safety

Drive Carefully

● This vehicle is not a toy and is hazardous to operate. This vehicle handles differently from other vehicles such as motorcycles or automobiles. Sudden maneuvers such as sharp turns, acceleration or deceleration, driving on hills, or crossing obstacles can instantly result in a collision or rollover if proper precautions are not taken.

● Do not exceed safe speeds. Always maintain a speed appropriate for the current terrain, visibility, driving conditions, and your driving experience.

● Do not attempt jumping, skidding, spinning, or any other stunt maneuvers.

● Do not attempt sudden acceleration or deceleration during sharp turns, as this may cause a rollover.

● Do not attempt to skid. If the vehicle begins to skid, steer in the direction opposite to the skid. On extremely slippery surfaces such as ice, drive slowly and carefully to reduce the possibility of skidding and losing control.

● When reversing, ensure there are no objects or persons behind the vehicle. Be aware of blind spots. When it is safe to reverse, drive at low speed.

● Do not exceed the maximum cargo capacity of this vehicle. Secure all cargo properly, reduce speed, allow greater braking distance, and follow all other instructions in this manual.

● Ensure cargo is distributed evenly in the cargo bed. Improper distribution may shift the vehicle's center of gravity and cause a rollover.

Driver Safety

Roll-Over Protective Structure (ROPS)

● The ROPS on this vehicle can limit intrusion of external objects and reduce the risk of injury in the event of a rollover.

● Always follow the safe driving operating procedures outlined in this Owner's Manual to prevent vehicle rollovers.

● Do not extend your hands and/or feet outside the vehicle while driving. Otherwise, the ROPS cannot protect you from injury in any rollover event.

● If the ROPS has been damaged in any way, have your authorized dealer perform a comprehensive inspection of the vehicle's ROPS.

Occupant Restraint System

● This vehicle is designed to carry one driver and one passenger, both of whom must wear proper protective equipment.

● The driver and passenger must always secure the side doors or side door nets and fasten their seatbelts while driving.

Terrain Conditions

● Avoid sharp turns, sudden acceleration, and sudden braking when crossing public roads.

● Reduce speed and exercise extra caution when driving on unfamiliar terrain. Remain alert to changing terrain conditions at all times. Take time to learn how the vehicle handles in different environments.

● Do not drive on extremely rough, slippery, or soft terrain until you have learned and practiced the necessary vehicle control techniques. Exercise extreme caution on these types of terrain.

● Do not drive on steep slopes that are unsuitable for this vehicle or beyond your driving ability. Practice on small inclines first.

Driver Safety

● Always follow proper operating procedures when climbing or descending hills. Do not crest any hilltop at high speed.

● Do not attempt steep hills or inclines while towing a trailer.

● Always check for obstacles before driving into a new area. Follow proper operating procedures when driving over obstacles or fallen trees.

● Do not drive this vehicle in deep water or fast-flowing currents. Remember that wet brakes may have reduced braking performance. Test the brakes after exiting water. If necessary, drive at low speed and apply the brakes several times to dry the brake system through friction.

● Always ensure that this vehicle is properly parked on the flattest terrain available.

● Do not blindly assume the vehicle can safely reach any location. Holes, potholes, embankments, soft or hard surfaces, or other irregular ground may cause sudden terrain changes that could cause the vehicle to tip over or become unstable. To avoid such situations, reduce speed and always observe the terrain ahead. If the vehicle begins to tip or roll, the best course of action is to quickly steer in the direction of the roll.

● Do not attempt to stop a rollover with your arms or legs. Keep all limbs inside the ROPS roll cage at all times.

Safe Riding Equipment

Always wear clothing suitable for riding. For comfort and to reduce the risk of injury, operating this vehicle requires specialized protective clothing.

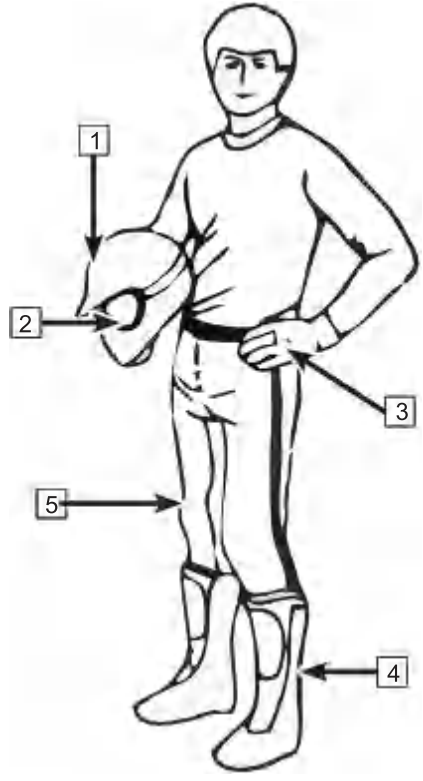
1. A helmet is the most important piece of riding safety equipment. A certified helmet can prevent serious head injuries.

2. Eye protection. A pair of goggles or a helmet visor provides the best protection for your eyes. They must be kept clean and have a shatter-resistant design. Do not rely on sunglasses as proper eye protection.

3. Off-road gloves with knuckle padding provide optimal comfort and protection.

4. The best footwear is a pair of sturdy over-the-calf boots with heels.

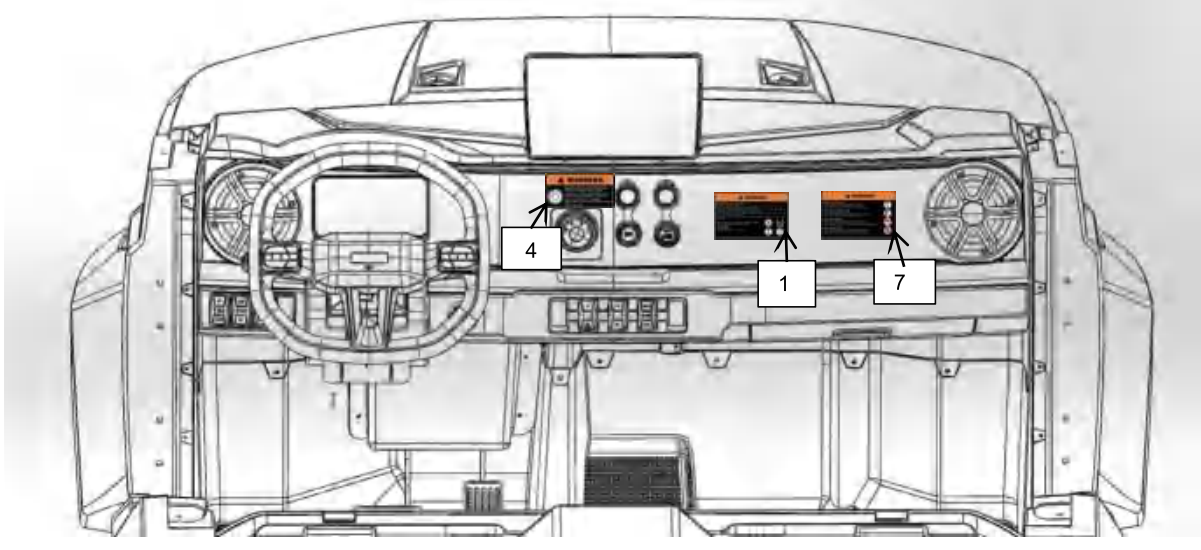
5. Always wear long pants and long-sleeved shirts to protect your arms and legs. Riding pants and jerseys with knee pads and shoulder pads provide the best protection.



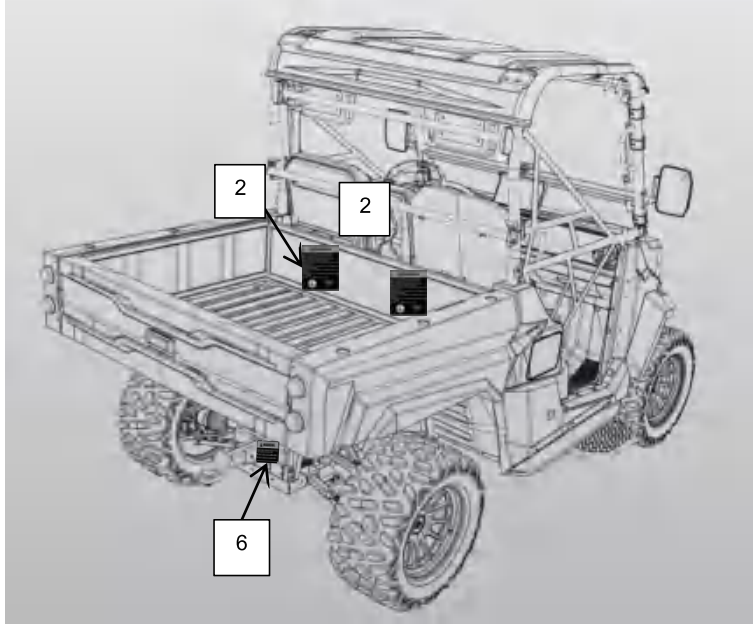
Driver Safety

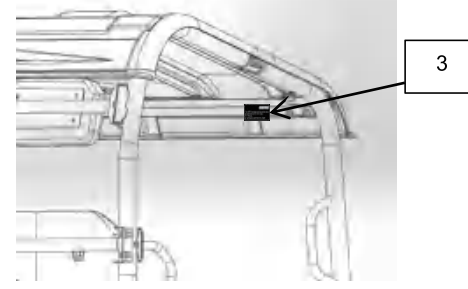
Safety Warning Labels, Locations, and Warnings

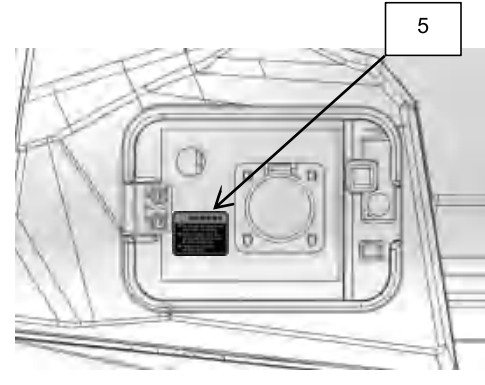
This vehicle has safety warning labels affixed for your protection. Carefully read and follow the instructions on each label. If a label becomes illegible or detached, contact your dealer for a replacement. Carefully read and follow the safety warning labels on the vehicle body; the warning labels in this manual are provided for reference. Depending on region and regulations, warning decals



Driver Safety







Driver Safety

Safety Warning Labels

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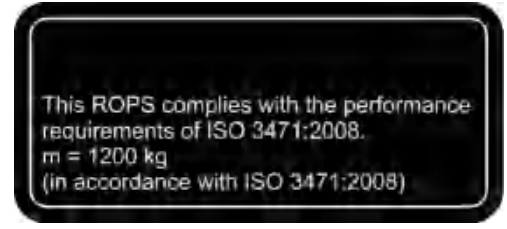

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Driver Safety

Safety Warning Labels

5

6

7

Potential Hazard Warnings

⚠WARNING

Potential Hazard:
Failure to follow proper instructions when operating
This vehicle may result in:
If the driver does not know how to properly operate the vehicle in different situations and on different types of terrain, the risk of an accident is greatly increased.
How to avoid the hazard:
If the dealer offers safe driving training courses, new or inexperienced operators should complete the training and regularly practice the skills learned in the course as well as the operating techniques described in this Owner's Manual.

⚠WARNING

Potential Hazard:
Failure to comply with the age requirements for the driver and passengers of this vehicle.

May result in:
If a minor below the minimum age requirement operates this vehicle, serious injury or death may occur. Even if a child is within the recommended age range for using this vehicle, he/she may not yet possess the skills, ability, or judgment to safely operate it, and accidents or injuries may result.

How to avoid the hazard:
Operation of this vehicle by persons under 18 years of age is prohibited.

⚠WARNING

Potential Hazard:
Number of passengers exceeds the rated capacity.

May result in:
If the occupant is not properly seated, they may be unexpectedly ejected from the vehicle or come into contact with moving objects, both of which can result in serious injury.
injury or death.

How to avoid the hazard:
Do not carry more than 1 passenger.

⚠WARNING

Potential Hazard:
Driving on paved surfaces such as sidewalks, trails, parking lots, highways, or streets.

May result in:
All-terrain tires are designed for off-road surfaces. Driving on paved surfaces will significantly affect vehicle handling and may result in loss of control or an accident.
may occur.

How to avoid the hazard:
Do not drive this vehicle on paved surfaces. If unavoidable, reduce speed and ensure you do not perform sharp turns or emergency braking.
If regulations do not permit it, do not drive on highways or streets. Consult local laws to determine legality.

Driver Safety

⚠WARNING

Potential Hazard:
Operating this vehicle without wearing a certified helmet, eye protection, and protective clothing.

May result in:
Driving without a certified helmet increases the risk of serious head injury or death in an accident; driving without eye protection may lead to an accident and may increase the risk of serious eye injury; driving without protective clothing increases the risk of serious bodily injury.

How to avoid the hazard:
Always wear a properly fitting, certified helmet, eye protection (goggles or face shield), gloves, long-sleeved shirt or jacket, long pants,
and over-the-calf boots.

⚠WARNING

Potential Hazard:
Operating this vehicle after consuming alcohol or taking medication.

May result in:
Consuming alcohol or taking medication seriously impairs the operator's judgment, slows reaction time, and may affect the operator's balance and perception. Consuming alcohol or taking medication before or during vehicle operation may result in injury or death.

How to avoid the hazard:
Do not consume alcohol or take medication before or during operation of this vehicle.

Driver Safety

⚠WARNING

Potential Hazard:
Driving at excessive speed.

May result in:
Driving at excessive speed increases the likelihood of the driver losing control, resulting in an accident.

How to avoid the hazard:
Drive the vehicle at a speed appropriate for the current terrain, visibility, driving conditions, and your driving experience.

⚠WARNING

Potential Hazard:
Attempting skids, jumps, and other stunt maneuvers.

May result in:
Attempting stunt maneuvers increases the probability of accidents, including rollovers.

How to avoid the hazard:
Do not attempt skids, jumps, or any other stunt maneuvers.

Driver Safety

⚠WARNING

Potential Hazard:
Failing to inspect this vehicle before operation or failing to properly maintain it.

May result in:
Insufficient maintenance increases the likelihood of accidents or equipment failure.

How to avoid the hazard:
Inspect the vehicle before each use to ensure it is in safe operating condition.

Always follow the inspection and maintenance procedures and schedules specified in this Owner's Manual.

⚠WARNING

Potential Hazard:
Extending arms, hands, or legs outside the vehicle's ROPS roll cage while driving.

May result in:
If the vehicle tips over or rolls in an accident, serious injury to arms, hands, or legs may result.

How to avoid the hazard:
While driving, always keep arms, hands, and legs inside the vehicle. Keep hands on the steering wheel or handgrips and feet on the footrests.

⚠WARNING

Potential Hazard:
Failing to exercise extra caution when driving on unfamiliar terrain.

May result in:
Unfamiliar terrain may have hidden rocks, ridges, or holes, all of which could cause loss of vehicle control or a rollover.

How to avoid the hazard:
When operating on unfamiliar terrain, reduce speed and exercise extra caution. Remain alert to terrain changes at all times.

⚠WARNING

Potential Hazard:
Improper steering.

May result in:
Improper steering may cause loss of vehicle control and result in a collision or rollover.

How to avoid the hazard:
Follow the proper steering procedures described in this Owner's Manual. Practice turning at low speed before attempting faster turns. Do not exceed
the recommended turning speed.

Driver Safety

⚠WARNING

Potential Hazard:
Failing to exercise extra caution when operating on extremely rough, slippery, or loose terrain.

May result in:
Operating on extremely rough, slippery, or soft terrain may cause loss of traction or control, which can result in an accident or rollover.

How to avoid the hazard:
Do not operate on extremely rough, slippery, or soft terrain unless you have practiced on such terrain or learned the necessary vehicle control techniques. Exercise extra caution on rough, slippery, or soft terrain.

⚠WARNING

Potential Hazard:
Climbing excessively steep slopes or climbing improperly.

May result in:
Improper hill climbing may result in loss of control or a rollover.

How to avoid the hazard:
Do not operate the vehicle on slopes too steep for the vehicle or beyond your ability. Practice on small slopes before attempting larger ones. Always carefully inspect the terrain before climbing any slope. Do not climb excessively slippery or soft slopes. Do not suddenly apply the accelerator pedal while climbing, as this may cause the vehicle to roll backward. Do not crest a hilltop at high speed, as there may be obstacles, steep descents, other vehicles, or pedestrians on the other side.

⚠WARNING

Potential Hazard:
Descending extremely steep slopes.

May result in:
Improper downhill operation may cause loss of control or a rollover.

How to avoid the hazard:
Do not operate the vehicle on slopes too steep for the vehicle or beyond your ability. Practice on small slopes before attempting
larger ones. Always carefully inspect the terrain before climbing any slope. Do not climb excessively slippery or soft slopes.

NOTE:
Carefully inspect the terrain before descending. Do not descend at high speed. Avoid leaning while going downhill. Descend in a straight line whenever possible.

⚠WARNING

Potential Hazard:
Descending extremely steep grades.

May result in:
Improper downhill operation may cause loss of control or a rollover.

How to avoid the hazard:
Do not operate the vehicle on slopes too steep for the vehicle or the driver's ability. Practice on small inclines before attempting larger slopes. Carefully inspect the terrain before attempting any slope. Do not descend on excessively slippery or soft slopes.

NOTE:
Always carefully inspect the terrain before descending. Do not descend at high speed. Avoid descending at an angle; descend in a straight line whenever possible.

⚠WARNING

Potential Hazard:
Improperly traversing a slope or making improper turns on a slope.

May result in:
Improper traversing or improper turns on a slope may cause loss of control or a rollover.

How to avoid the hazard:
Exercise extra caution when turning on any slope. Avoid traversing the side of steep slopes.

When traversing along a slope:
Always follow the proper operating procedures described in this Owner's Manual. Avoid excessively slippery or soft slope surfaces.

⚠WARNING

Potential Hazard:
Stalling on a hill and sliding backward

May result in:
The vehicle may roll over.

How to avoid the hazard:
Maintain a steady speed when climbing a hill.

If all forward speed is lost:
Release the accelerator pedal, apply the brakes, and bring the vehicle to a complete stop.

If the vehicle begins to slide:
When sliding backward, carefully apply the brakes. Once the vehicle has come to a complete stop, hold the brakes and determine the safest way to change direction.

⚠WARNING

Potential Hazard:
Improper operation when crossing obstacles.

May result in:
Crossing obstacles may cause loss of control or a rollover.

How to avoid the hazard:
Before operating in a new area, check for obstacles. Avoid crossing large obstacles such as rocks and fallen trees whenever possible. If they cannot be avoided, exercise extreme caution and follow the proper procedures outlined in this Owner's Manual.

WARNING

Potential Hazard:
Skidding or sliding.

May result in:
Skidding or sliding may cause loss of control. If the tires suddenly regain traction, the vehicle may roll over.

How to avoid the hazard:
On slippery surfaces such as ice, drive slowly and exercise extra caution to reduce the likelihood of losing control due to skidding or sliding.

WARNING

Potential Hazard:
Overloading or towing an improper load.

May result in:
Overloading the vehicle or trailer will change vehicle handling and may result in loss of control or an accident.

How to avoid the hazard:
Do not exceed the rated vehicle load capacity.

Cargo should be properly distributed and securely fastened. When carrying cargo or towing a trailer, reduce speed and always drive in a low gear. Allow greater braking distance and always follow the cargo carrying and trailer towing guidelines in this Owner's Manual.

WARNING

Potential Hazard:
Operating the vehicle in deep water or fast-flowing currents.

May result in:
The tires may float, causing loss of vehicle control and traction, which may result in an accident or rollover.

How to avoid the hazard:
Avoid operating in deep water or fast-flowing currents. If entry into water exceeding the rated maximum depth cannot be avoided, drive slowly, carefully maintain balance, avoid sudden movements, and maintain a steady low-speed forward motion. Do not make sudden turns or stops, and do not make sudden changes to the accelerator pedal. Wet brakes will reduce braking performance. Test the brakes several times after exiting water. If necessary, apply the brakes several times at low speed to dry the brake pads.

⚠WARNING

Potential Hazard:
Improper reverse gear operation.

May result in:
The vehicle may strike objects or persons, resulting in serious injury.

How to avoid the hazard:
Before engaging reverse, check behind the vehicle for obstacles or persons. Reverse slowly when it is safe to do so.

⚠WARNING

Potential Hazard:
Driving the vehicle with incorrect tires, or with incorrect or uneven tire pressure.

May result in:
Using incorrect tires or driving with incorrect or uneven tire pressure may cause loss of control or an accident.

How to avoid the hazard:
Use the tire sizes and types specified in this Owner's Manual. Always maintain the correct tire pressure.

WARNING

Potential Hazard:
Operating an improperly modified vehicle.

May result in:
Incorrectly installing accessories or modifying the vehicle may change handling characteristics, which may result in an accident.

How to avoid the hazard:
Do not modify the vehicle by incorrectly installing or using accessories. All parts and accessories added to the vehicle must be original equipment or equivalent parts specifically designed for this vehicle model, and must be installed according to approved instructions. Contact your dealer for more information.

WARNING

Potential Hazard:
Do not operate the vehicle on frozen bodies of water.

May result in:
If the vehicle rolls over on ice, serious injury or death may result.

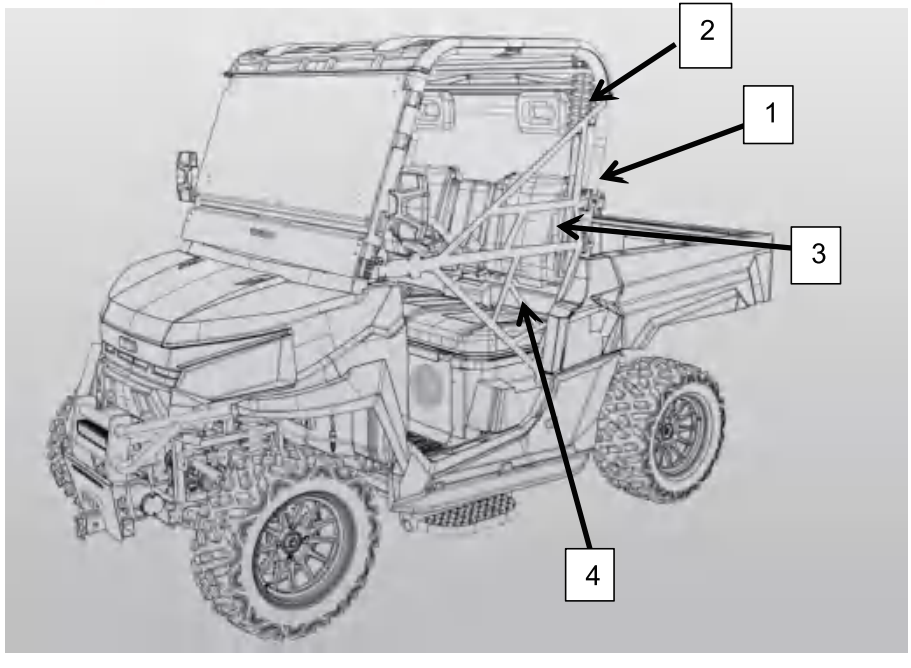
How to avoid the hazard:
Do not operate the vehicle on frozen bodies of water.

Driver Safety

⚠ WARNING
Leaving the key in the switch may result in unauthorized vehicle use, which could lead to serious injury or death. Always remove the vehicle key when the vehicle is not in use.

⚠ WARNING
After any rollover or accident, always have a qualified service dealer inspect the entire vehicle for damage, including (but not limited to) the brakes, accelerator pedal, and steering system.

⚠ WARNING
Safe operation of this vehicle requires good judgment and physical skills. Persons with cognitive or physical impairments operating this vehicle face an increased risk of rollover and loss of control, which may result in serious injury or death.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Personnel Protection Components

1. Roll-Over Protective Structure (ROPS)

The roll cage and side protection tubes protect occupants from injury during a rollover or other hazardous situations. Do not extend any body parts outside the roll cage while driving.

2. Seatbelt

This vehicle is equipped with seatbelts to help protect the driver and passenger in a collision or rollover and to help keep occupants secure in the cabin. If the driver does not fasten the seatbelt while driving, the seatbelt indicator light will flash.

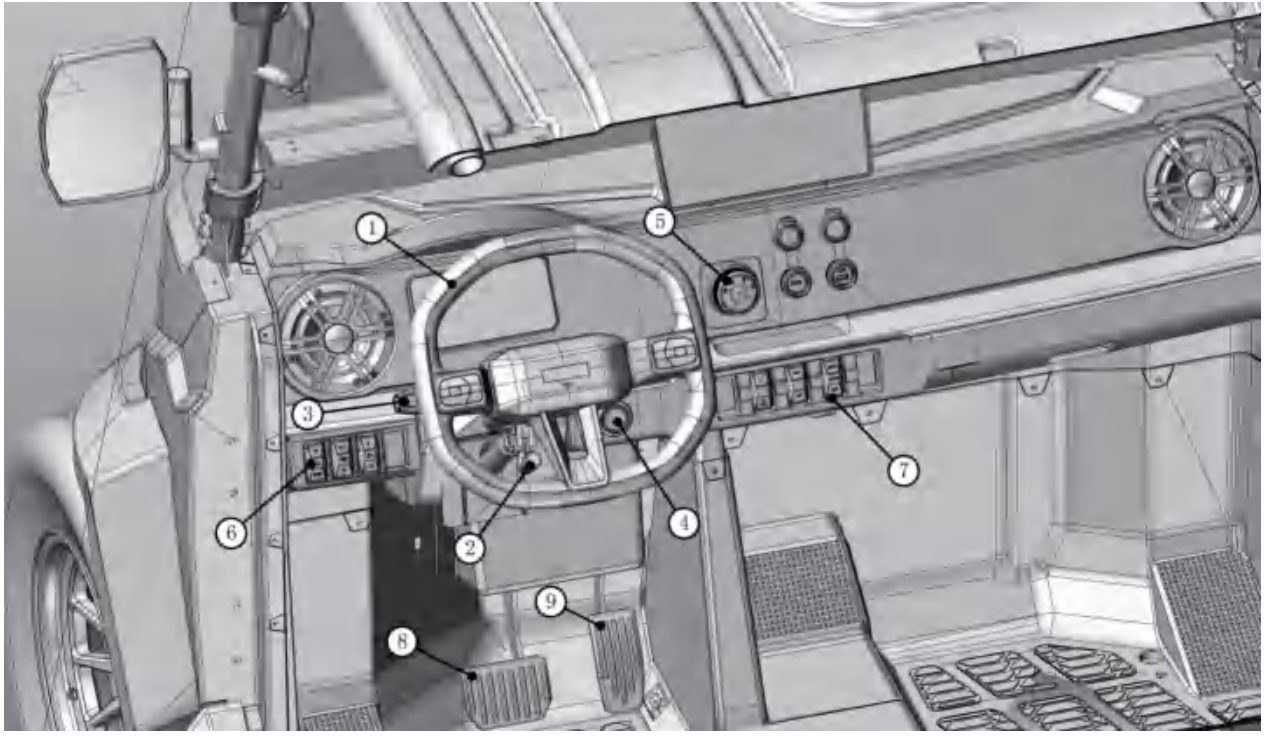
3. Safety Handgrips

Safety handgrips are located on both sides of the vehicle. Holding the safety handgrips helps occupants stabilize themselves when the vehicle is bouncing.

NOTE: When the vehicle is carrying a passenger, the driver should instruct the passenger to hold the safety handgrips securely.

4. Side Door Nets

Side door nets protect the driver and passenger inside the cabin. Secure the side door nets/side doors when driving. Ensure the side door net latch points are firmly locked to the vehicle latches (standard side door nets vary depending on market).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1. Steering Wheel

The steering wheel is located in front of the driver's seat. The steering wheel turns the vehicle left or right. Turn the steering wheel in the desired direction.

2. Tilt Lever and

The tilt lever allows adjustment of the steering wheel to accommodate different drivers. Pull the lever down and adjust the steering wheel to a comfortable angle.

Steering Wheel Adjustment

The steering wheel height can be adjusted to accommodate different drivers' driving preferences.(continued from above)

Upward adjustment: Grip the locking handle 1 with your right hand and pull the handle down. At the same time, grip the steering wheel with your left hand and raise it to the desired position. Release the locking handle with your right hand to lock the steering wheel in place.

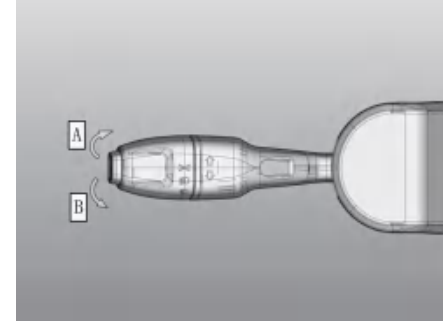
Downward adjustment: Grip the locking handle 1 with your right hand and press the handle down. At the same time, grip the steering wheel with your left hand and push it down to the desired position. Release the locking handle with your right hand to lock the steering wheel in place.

NOTE:

● After adjusting the steering wheel, gently rock the steering wheel up and down to confirm it is locked. If the steering wheel cannot be locked, promptly visit an authorized service center for repair.

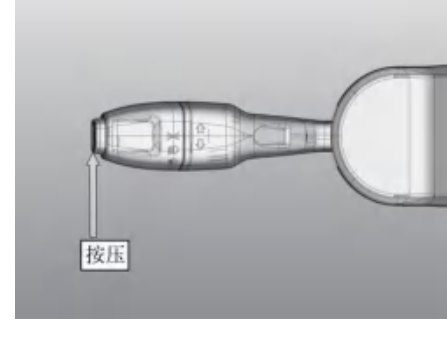
● For your safety, the steering wheel must only be adjusted when the vehicle is stopped and the gear selector is in the "N" (Neutral) position.

3. Combination Switch



Turn Signals

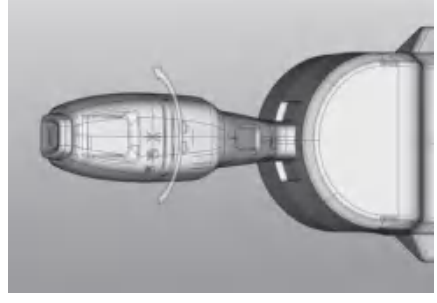
Push the combination switch past the detent in the direction of arrow A. The right turn signal flashes and the right turn signal indicator on the instrument panel flashes. Push the combination switch back in the opposite direction to turn off the right turn signal.
Push the combination switch past the detent in the direction of arrow B. The left turn signal flashes and the left turn signal indicator on the instrument panel flashes. Push the combination switch back in the opposite direction to turn off the left turn signal.



Horn Switch

	Press the switch and the horn sounds. Release the switch and the horn stops.

Light Control Knob



In the initial position, align the icon with the triangle symbol to turn on the marker lights. Rotate the combination switch knob in the arrow direction, align the icon with the triangle symbol to turn on the low beams. Align the icon with the triangle symbol to turn on the low beams.

	When the switch is in this position, the marker lights are on.
	When the switch is in this position, the taillights and low beams are on.
	When the switch is in this position, the taillights, low beams, and high beams are on.

4. One-Touch Start Switch

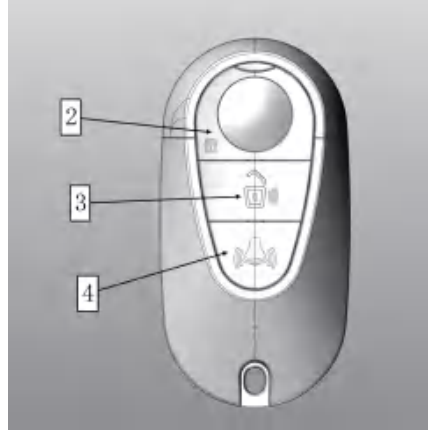
Starting the Vehicle

The one-touch start switch 1 is the ignition button used to start the vehicle.

Press the unlock button 3 on the remote key, then press the one-touch start switch 1 to start the vehicle and power it on.

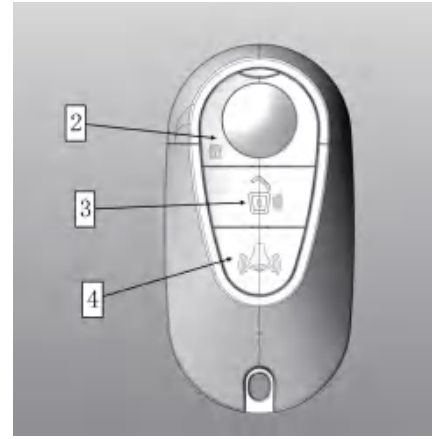
Turning Off the Vehicle

Bring the vehicle to a complete stop, hold the brake pedal, switch the shift knob to the "N" (Neutral) position, and press the one-touch start switch 1 to power off the vehicle.



⚠NOTE
To perform the above vehicle start operation, the remote key must be within 1.5 m. If it is within range, the anti-theft system disarms and the vehicle power turns on. If not within range, the controller will issue an alarm.

Remote Key Button Functions



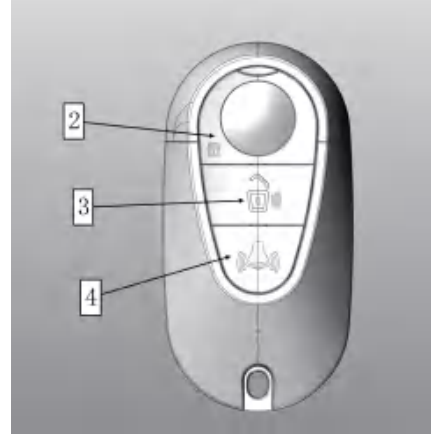
2 Arm/Power Off	3 Disarm/Power On	4 Vehicle Locator/Vibration Level Button

◆ **Anti-Theft Arming**

Function Overview	Remote Key Arm Button — Arm (Enable Vibration Detection)
Preconditions	The vehicle is in the disarmed state and powered off.
Basic Procedure	When the ignition switch is off, press the arm button to enter the armed state; the horn sounds once.

◆ **Anti-Theft Disarming**

Function Overview	Remote Key Disarm Button — Disarm, Execute Pre-Power-On State
Preconditions	The vehicle is in the powered-off state.
Basic Procedure	In the armed state, press the unlock button on the paired remote key. After the central controller and key authentication is passed, the one-touch start switch backlight (blue) indicator flashes for 6 seconds and the horn sounds twice.
Remarks	The controller must be in the disarmed, powered-off state each time it is powered on.



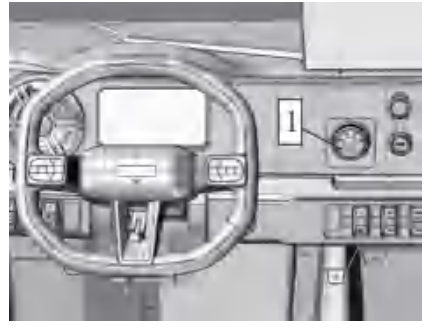
◆ **Vehicle Locator Function**

Function Overview	Use the remote key vehicle locator when you cannot find the vehicle's exact location in a parking lot.
Preconditions	The vehicle is in the powered-off state.
Basic Procedure	Press the vehicle locator button on the remote key; the horn sounds 3 times.

◆ **Remote Key Power Control**

Function Overview	When the vehicle power supply is normal, use the remote key to control the vehicle power.
Preconditions	Vehicle power supply is normal.
Basic Procedure	Upon receiving a 2-second long press of the remote key unlock button, the vehicle power is turned on. Upon receiving a 2-second long press of the remote key lock button, the vehicle power is turned off.

5. Shift Knob Switch



The electronic gear selector 1 is located on the dashboard panel and is used to change gears.

With the vehicle powered on or started (vehicle at a complete stop): Rotate the shift knob switch to the desired gear position to complete the gear change.

D – Drive, the instrument panel displays "D". Press the accelerator pedal and the vehicle will output power to move forward.

N – Neutral, the instrument panel displays "N". In the Neutral position, the drive motor produces no power output.

R – Reverse, the instrument panel displays "R". In the Reverse position, the vehicle can travel backward.

S – Tow mode, the instrument panel displays "S". In Tow mode, the vehicle speed is limited to low-speed mode, but greater torque is available to help tow heavier loads.

⚠NOTE
When performing the above shifting operations, ensure the vehicle is at a complete stop. Otherwise, damage to the vehicle's transmission system may occur.

6. Left Side Buttons

◆ **Cargo Bed Lift Switch**

UP	After the vehicle is powered on, briefly press "UP" at this position. The cargo bed is raised by the electric actuator.
DOWN	After the vehicle is powered on, briefly press "DOWN" at this position. The cargo bed is lowered by the electric actuator.
⚠**DANGER**	
Improper cargo bed operation may cause serious consequences, including operator injury or death. The cargo bed lift function must be used correctly and in accordance with proper procedures.	

◆ **Winch Switch**

OUT	After the vehicle is powered on, briefly press "OUT" at this position. The winch cable extends outward.
IN	After the vehicle is powered on, briefly press "IN" at this position. The winch cable retracts inward.
⚠**DANGER**	
Improper winch operation may cause serious consequences, including operator injury or death. The winch must be used correctly and in accordance with proper procedures.	

◆ **Spotlight Switch**

O	After the vehicle is powered on, press the switch to "O" to turn off the spotlights.
ON	After the vehicle is powered on, press the switch to "ON" to turn on the spotlights.
⚠NOTE	
Spotlights are intended for use in special conditions. Spotlights may cause discomfort to oncoming drivers or pedestrians. Use spotlights responsibly.	

7. Right Side Buttons

◆ **Hazard Light Switch**

When the hazard switch function is activated, the front and rear turn signals will flash, and the hazard switch indicator light on the instrument panel will illuminate.

◆ 2WD/4WD Switch

Select the correct drive mode based on the terrain and conditions:
Two-wheel drive (2WD): Power is delivered to the rear wheels only.
Four-wheel drive (4WD): Power is delivered to both the front and rear wheels.

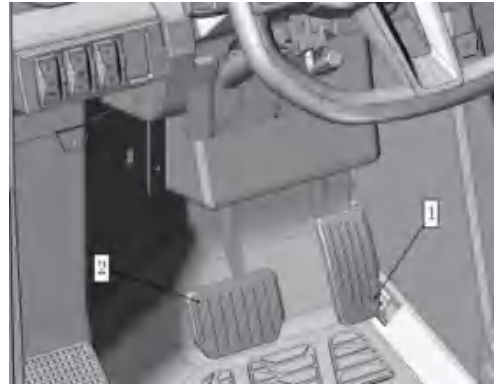
⚠CAUTION
The vehicle must be stopped when engaging or disengaging the two-wheel drive / four-wheel drive function. Engaging or disengaging this switch while driving may cause mechanical failure and transmission damage.

◆ Rear Differential Lock Switch

Select whether to engage the rear differential lock based on the terrain and conditions.
Rear differential lock disengaged (UNLOCK): Used under normal operating conditions.
Rear differential lock engaged (LOCK): Used when vehicle recovery is required.

⚠CAUTION
The vehicle must be stopped when engaging or disengaging the rear differential lock function. Engaging or disengaging this switch while driving may cause mechanical failure and transmission damage.

8. Accelerator Pedal



The electronic accelerator pedal 1 is located to the right of the brake pedal. Use the right foot to press the electronic accelerator pedal to control the vehicle speed. Always check the accelerator pedal function before driving.

Press the accelerator pedal to accelerate the vehicle. When released, spring pressure returns the pedal to the rest position. Before powering on and starting the vehicle, always verify that the accelerator pedal returns to its rest position properly.

9. Brake Pedal

The brake pedal 2 is located to the left of the accelerator pedal. When decelerating or stopping, release the accelerator

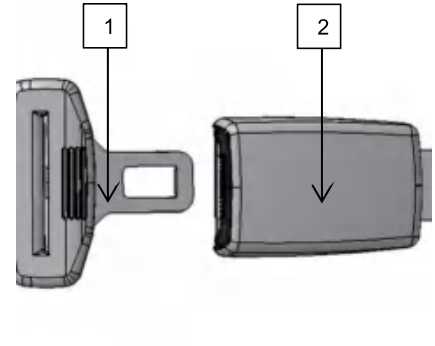
pedal and press the brake pedal.

When the brake pedal is pressed, the brake light illuminates. Check the brake light before each drive.

⚠NOTE
If the accelerator pedal and brake pedal are pressed simultaneously, motor power may be limited.

10.

This vehicle is equipped with three-point lap and diagonal seatbelts for the driver and passenger. Ensure all occupant seatbelts are securely fastened before operating the vehicle.



⚠ WARNING
Falling from a moving vehicle may result in serious injury or death. Always fasten your seatbelt before operating or riding in the vehicle.

To properly fasten the seatbelt, follow these steps:

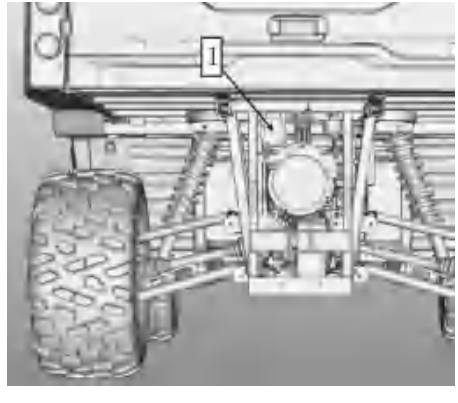
- For the three-point seatbelt, pull the seatbelt tongue 1 downward toward the buckle at the seat cushion edge, routing it across the chest. The seatbelt should fit comfortably across the hips and diagonally across the chest. Ensure the seatbelt is not twisted.
- Insert the tongue 1 into the buckle 2 until you hear a click.
- Release some belt webbing; it will automatically lock.

11. Towing

The vehicle is equipped with a 3,000 lb winch. In addition to operating the winch using the switch on the dashboard, the included wireless winch remote controller (shown at right) can also be used to operate the winch. Read the winch operation section of this manual before operating the vehicle. For proper winch usage, contact your dealer.

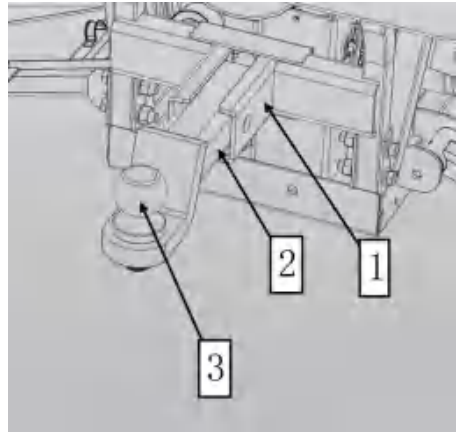
12. Trailer Power Outlet (depending on configuration, if equipped)

The vehicle is equipped with an American-style 7-pin trailer taillight power outlet, located at the rear of the vehicle. The trailer power outlet is configured to the standard shown in the figure below. Please provide your own connector.

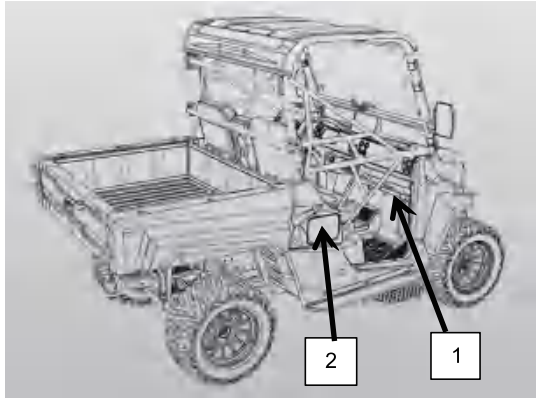


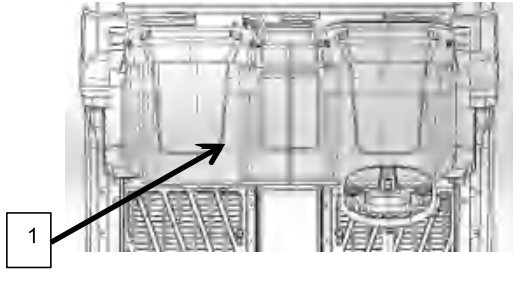
⚠CAUTION
The trailer power adapter is compatible with trailer turn signal power ratings from 1W to 21W. Our company recommends purchasing a trailer within this power range to avoid trailer turn signal malfunction.

13. **Tow Ball Assembly (depending on configuration, if equipped)**
The vehicle is equipped with a standard size 52mm×52mm trailer hitch receiver 1, for connecting a standard size 50mm×50mm trailer ball mount 2 (if equipped) and its matching ball 3 (if equipped). The installation method shown in the figure is for reference only. Consult your dealer regarding trailer ball usage before using the vehicle.



14. **Radio Antenna**
Through the vehicle radio antenna, the vehicle receives radio station signals, converts them to audio and plays through the speakers, allowing passengers to enjoy music, news, and entertainment programs while driving.





15. Glove Box

1 The glove box is located in front of the passenger seat for storing miscellaneous items and the winch controller.

16. Charging Port Door

2 The charging port door is located near the passenger seat. Lightly press the top of the door cover to open it before charging.

17. Cargo Bed

The vehicle has a cargo bed for storing cargo. Press the electric lift switch to tilt it for rear component maintenance or dumping cargo.

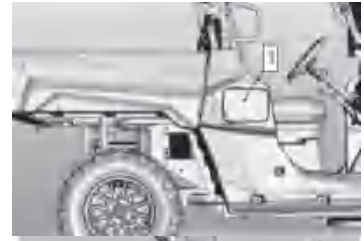
18. Seat Cushion

1 The seat cushion is removable

Removal: Grip the rear of the seat cushion, pull upward until released, then pull backward to remove.

Installation: Insert the slot structure into the vehicle body, align the mushroom-head pins, and press down.

Charging



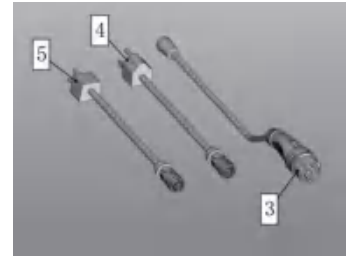
NOTE: Before operation, ensure the charging port cover and charging compartment door are fully secured. Operating the vehicle with either open may allow dirt and debris to damage the terminals.

Charging gun operating procedure:

1. Park the vehicle on a flat surface;
2. Set the gear selector to Neutral (N);
3. It is recommended to power off the vehicle;
4. Open the charging compartment door 1

⚠CAUTION
Ensure that accumulated dirt or debris in or around the charging compartment is wiped away. Do not use bare metal or other non-insulated tools for cleaning. Use compressed air, a cloth, or (if necessary) low-pressure water to clean the charging compartment.

5. Open the charging port cover 2
6. Select the appropriate mains power connector (4 is a 5-15P plug, 5 is a 6-20P plug) to pair with the charging gun, and insert the charging gun into the charger outlet until you hear a "click"; once the vehicle begins charging:



- The vehicle multimedia display will switch to the charging screen.
- The vehicle will continue charging until fully charged.
- The vehicle cannot be driven while the charging plug is connected.
- The charging rate may be reduced due to ambient temperature.

Instrument

NOTE
Due to instrument panel function updates, version updates, vehicle configuration changes, etc., some instrument panel content may change. Please refer to your actual vehicle and view selectively.

1. Instrument Panel Location

- The instrument panel is mounted on the dashboard body, directly in front of the driver's seat.

2. Power On and Power Off

- **Power On**

When the one-touch start switch is pressed and the vehicle power is turned on, the instrument panel will automatically power on and display the startup logo, then enter the page displaying vehicle information, as shown in the figure at right.

- **Power Off**

When the one-touch start switch is pressed and the vehicle power is turned off, the instrument panel will automatically power off.

3. Vehicle Information Page Display

◆ ① **Indicator Lights and Warnings (from left to right)**

1	Left Turn Signal	5	low beam
2	Seatbelt Not Fastened	6	high beam
3	Parking Indicator	7	daytime running light
4	Ready Indicator	8	Right Turn Signal

Controls and Features

1). Left Turn Signal

When the turn signal switch on the combination switch is in the left turn signal position, the left turn signal indicator light will illuminate.

2). Seatbelt Not Fastened

When the driver's seatbelt is not fastened, the seatbelt unfastened indicator light will illuminate.

3). Parking Indicator

When in parking mode, the parking indicator light will illuminate.

4). Ready Indicator

When power-on is normal and the vehicle enters the ready-to-drive state, the READY light illuminates.

5). Low Beam Indicator Light

When the light control switch on the combination switch is turned to the low beam position, the low beam indicator light will illuminate.

6). High Beam Indicator Light

When the light control switch on the combination switch is turned to the high beam position, the high beam indicator light will illuminate.

7). Daytime Running Light

When the light control switch on the combination switch is turned to the daytime running light position, the daytime running light indicator will illuminate.

8). Right Turn Signal

When the turn signal switch on the combination switch is in the right turn signal position, the right turn signal indicator light will illuminate.

◆ ② Gear Indicator and Power Reduction Indicator

1). Gear Indicator

Rotate the shift knob, and the corresponding gear position will be indicated on the instrument panel.

2). Power Reduction Indicator

When a Level 2 fault occurs, the power reduction indicator light illuminates, and the vehicle speed is limited to below 20 km/h.

◆ ③ 2WD/4WD and Rear Differential Lock Indicators

When the 2WD/4WD switch is set to 2WD, the 2WD indicator light illuminates;

When the 2WD/4WD switch is set to 4WD, the 4WD indicator light illuminates;

When the rear differential lock switch is set to the locked position, the rear lock indicator light illuminates.

◆ ④ Vehicle Speed Information

Displays the current vehicle speed.

◆ ⑤ Battery Charge Information

Displays the current power battery charge level, drive current, and drive voltage.

◆ ⑥ Trip Odometer Information

The trip odometer records the trip distance traveled.

◆ ⑦ Total Odometer Information

Displays the total mileage of the vehicle.

Multimedia

NOTE

Due to multimedia function updates, version updates, vehicle configuration changes, etc., some multimedia content may change. Please refer to your actual vehicle and view selectively.

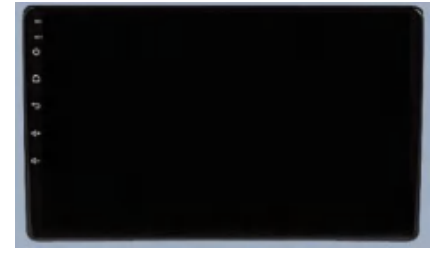
1. Multimedia Unit Location

◆ The multimedia unit is installed in the center of the dashboard, directly in front of the driver and passenger seats.

2. Power On and Power Off

◆ **Power On**

When the one-touch start switch is pressed and the vehicle power is turned on, the multimedia unit will automatically power on, display the startup animation logo, and enter the main page, as shown in the figure at right.



◆ **Power Off**

When the one-touch start switch is pressed and the vehicle power is turned off, the multimedia unit will automatically power off.

◆ **Function Button Overview**

◆ Tap the icon to mute.

◆ Tap the icon to return to the main screen.

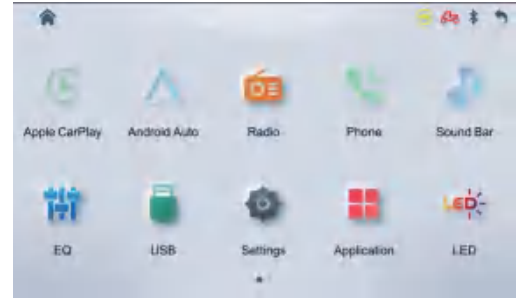
◆ Tap the icon to return to the previous screen.

◆ Tap the icon to increase the volume.

◆ Tap the icon to decrease the volume.

3. Basic Function Overview

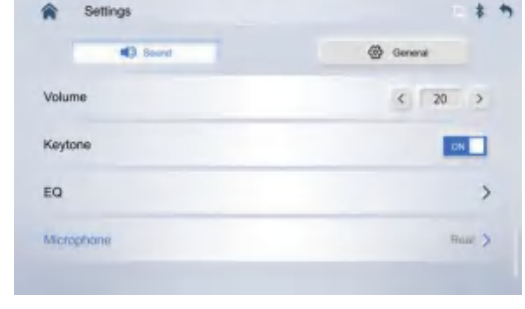
Tap the main page icon to enter the main page.



- **Settings overview: Tap "Settings" to enter the settings function page.**

1) **Sound Adjustment**

Tap the icon to switch to the sound settings function page. (1) Adjust volume: tap the icon to decrease volume, tap the icon to increase volume. (2) Set key tone: tap the icon to enable key tone; the icon indicates key tone is disabled. (3) Set reverse mute: tap the icon to indicate reverse mute is disabled; the icon indicates reverse mute is enabled.



The icon represents the microphone. Tap to enter the microphone settings screen.

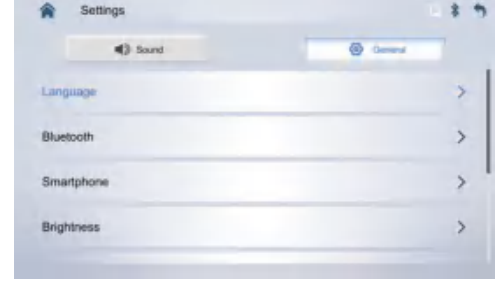
2) EQ Function

To open EQ, tap the icon to enter the EQ screen. Slide this icon up and down to adjust the EQ sound effects. The EQ has 16 bands. EQ modes include Standard, Pop, Rock, Electronic, and Classic, supporting free switching between multiple sound effects.

Tap to reset the EQ sound effects.

Tap the icon Standard to switch to Standard mode; tap the icon Pop to switch to Pop; tap the icon to switch to Rock; tap the icon Electric to switch to Electronic; tap the icon Classic to switch to Classic.

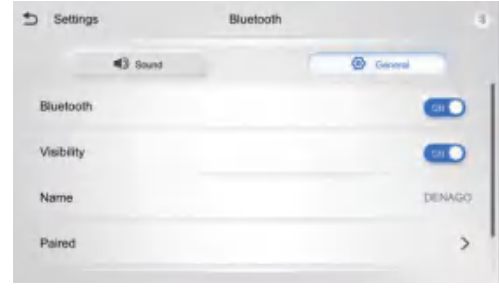
3) General Functions



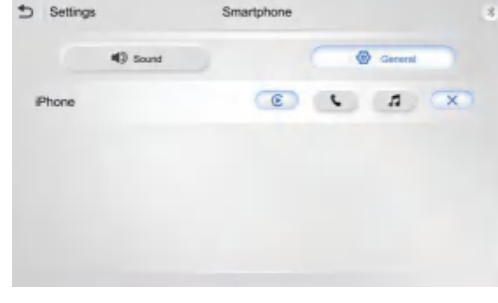
Tap the icon to switch to Normal mode.

1. Tap the icon next to Language to enter the language settings. Simplified Chinese and English are supported. To switch languages, tap the corresponding language icon.

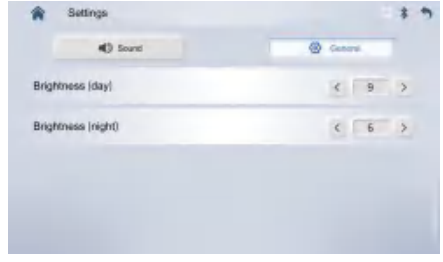
2. Tap the icon > next to Bluetooth to enter the Bluetooth function. Tap the icon ON to enable Bluetooth; the icon OFF indicates Bluetooth is off. Tap the icon ON to enable device visibility so this device can be found by other devices for pairing. Name indicates the name displayed on other devices. Tap the paired devices icon > to view previously paired devices.



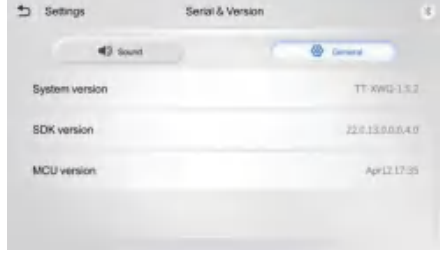
3. Tap the Smartphone icon > to enter the smartphone function. You can connect and pair with your phone. Tap the icon to make a phone call. Tap the icon to play music. Tap the icon × to disconnect this device from the phone.

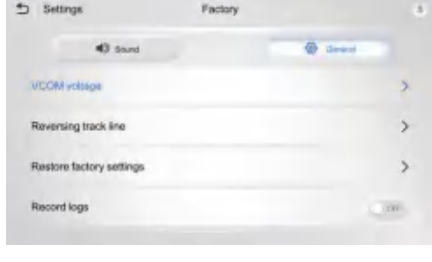


4. Tap the icon > next to Brightness to enter the brightness adjustment function. Tap the icon < to decrease brightness; tap < to increase brightness.



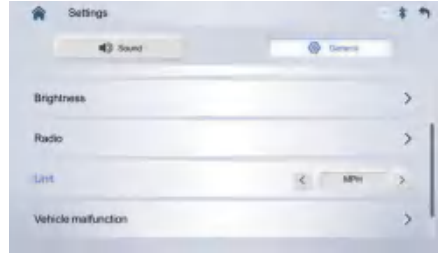
5. Tap System Information > to enter and view the version number and system information.
Tap Factory Mode to view VCOM voltage, reverse trajectory lines, and restore factory settings.





6. Tap Radio to enter the radio screen.

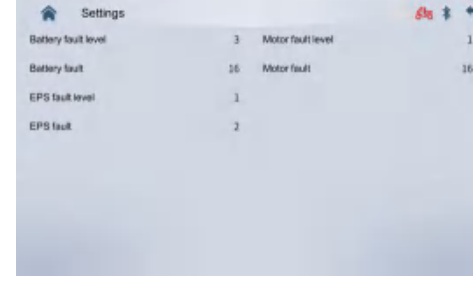
7. Tap the Unit buttons to switch the instrument panel speed units between km/h and MPH.



8. Tap Vehicle Malfunction, or tap the Fault icon on the main page, to enter the vehicle fault information screen.

Controls and Features

The vehicle fault information screen is shown at right. This screen displays fault level and fault code information for major components such as the Battery BMS, Electronic Power Steering (EPS), electronic control unit, and motor.



When there is a fault information for the vehicle, a fault icon will be displayed in the upper right corner of the main page.


Indicates a minor fault, only displaying that the vehicle's power is not restricted;

Indicates a fault requiring power limitation, at which point the vehicle speed will be restricted;


Indicates a fault requiring disconnection of power, at which point the vehicle will be unable to move.

- NOTE: Fault information is displayed in the form of fault codes. Please refer to the "Vehicle Troubleshooting" section.

Controls and Features

◆ **Phone Function**

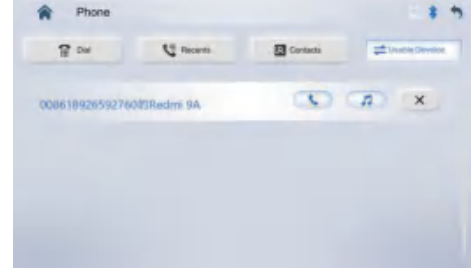
Tap the icon on the main screen to open this function. After pairing with your phone, you can make or receive calls on this device. Call history and contacts can be viewed through this function.

(1) Tap the icon Dial to enter a number on this page, then tap the icon to dial the call.

(2) Tap to switch to the call history page.

(3) Tap the icon Contacts to view saved phone numbers.

(4) Tap the icon to view devices connected to this unit.



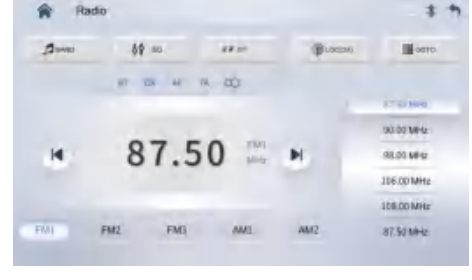
◆ **Radio**

Tap the icon on the main page to open the radio function.

Tap the icon to switch to FM; tap to switch to AM. Switch freely to listen.

Supported radio regions include: Asia, Australia, Europe, Middle East, Japan, Eastern Europe, Americas, and Latin America.

In Settings, you can select the radio region and whether to use RDS.



Controls and Features

◆ LED

Tap the icon on the main page to enter the LED function.

Tap the corresponding icon to turn on the LEDs. This icon indicates off; the icon indicates on.
The icon allows adjustment of the LED light color.
The icon indicates LED brightness is adjustable.
Slide the bar to adjust the light brightness.
The icon indicates that LED dynamic styles can be selected.

◆ **Apple Carplay**

Tap the icon on the main screen to enter Apple CarPlay. Before using this function, first establish a Bluetooth connection with your iPhone, then open this function to use Apple CarPlay.
This function is Apple CarPlay and can only connect with iPhones.

◆ **Android Auto**

Tap the icon on the main screen to enter Android Auto. Before using this function, first establish a Bluetooth connection with your Android phone, then open this function to use Android Auto.
This function is for Android phones and can onl connect with Android devices.

Pre-Ride Inspection

Before each use, the best practice is to inspect the vehicle according to the "Daily Pre-Drive Inspection" table in the maintenance section of this manual.

⚠WARNING
Failure to perform a proper inspection before each use may result in serious vehicle failure, serious personal injury, or death. Always inspect the vehicle before each use and ensure it is in proper operating condition.

Accelerator Pedal

Before starting the vehicle, check the accelerator pedal and ensure it operates smoothly. Adjust speed by adjusting the pedal position. Because the accelerator pedal is electronically controlled via signal, the vehicle will decelerate whenever the foot is removed from the accelerator pedal.

Brake Pedal

Before operating the vehicle, press the brake pedal to test the front and rear brakes. When pressed, the brake lever or brake pedal should feel firm. A soft brake pedal may indicate brake fluid leakage or low brake fluid in the master cylinder. This should be corrected before driving. Contact the dealer for proper diagnosis and repair.

Shifting

CAUTION
To avoid transmission failure, return the accelerator pedal to the closed position before shifting, stop the vehicle, and press the brake pedal before shifting.

Shifting from the parking state

1. Confirm the accelerator pedal is released.
2. Apply the foot brake and press the gear selector button.

Shifting: Neutral to Drive

1. Confirm the accelerator pedal is released and the vehicle is at a complete stop.
2. Apply the foot brake and rotate the shift knob to "D".

Shifting: Shifting to Reverse

1. Confirm the accelerator pedal is released and the vehicle is at a complete stop.
2. Apply the foot brake and rotate the shift knob to "R".
3. Check behind for persons or objects. When it is safe, release the brake pedal.
4. Slowly apply the accelerator pedal and continuously look behind while reversing to ensure safety.

⚠WARNING
Before shifting to Reverse, ensure there are no objects or persons behind the vehicle. Ensure the area behind the vehicle is safe. When it is safe to reverse, drive at low speed.

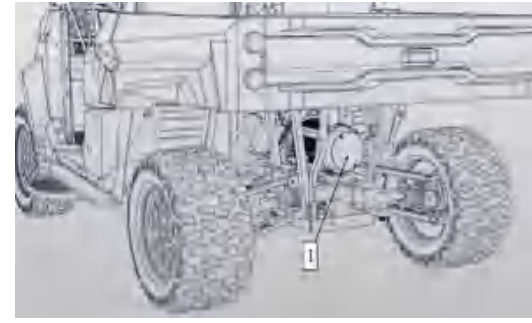
Shifting to: Park

The vehicle is equipped with an electromagnetic brake parking function. When the vehicle comes to a complete stop, the electromagnetic brake automatically engages parking. (To manually release the electromagnetic brake parking function for pushing the vehicle, please refer to "Vehicle Troubleshooting".)

NOTE:

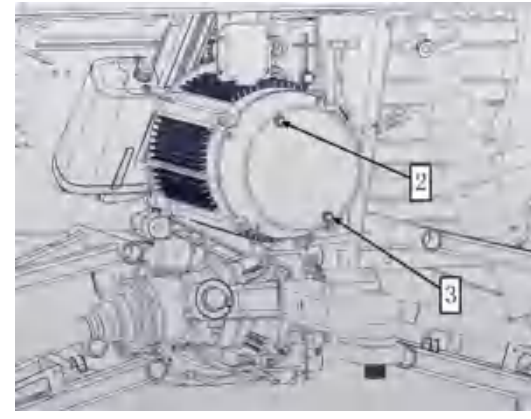
● The gear indicator light should display the actual gear position. If the indicator light does not display, contact the dealer to have the vehicle electrical system inspected or the shift system adjusted.

Manually Releasing and Restoring the Electromagnetic Brake Parking Function



The vehicle automatically maintains the electromagnetic brake parking function after power-off. When you need to release the electromagnetic brake parking function, follow the steps below to disengage the electromagnetic brake, allowing the vehicle to be towed or pushed.

1. Park the vehicle on a flat surface. If the vehicle is parked on a slope, place stones or other blocking objects on both sides of the tires to prevent the vehicle from rolling during the manual electromagnetic brake release process;
2. Locate the electromagnetic brake 1 behind the motor, and use an M5 hex wrench to tighten the two release bolts 2 and 3 clockwise to release the electromagnetic brake parking function;
3. When the electromagnetic brake parking function needs to be restored, use an M5 hex wrench to loosen the release bolts 2 and 3 counterclockwise.



NOTE:

- Manually releasing the electromagnetic brake is for emergency situations when the parking function needs to be temporarily disengaged. Please follow the operating steps above.

Safe Operation - Driving Safety

Operator Responsibilities

As the vehicle operator, your common sense, judgment, and skill are the only factors that prevent injury to yourself and others, and damage to the vehicle or the environment.

Recreation, Group, and Long-Distance Riding

One advantage of this vehicle is that it can take you away from most communities for off-road or farm use. Stay away from areas designed for other types of off-road use unless specifically permitted, including snowmobile trails, equestrian trails, cross-country ski trails, mountain bike trails, etc. You can join a local club that will provide maps and advice, or inform you which areas are open for driving. When driving in a group, maintain a safe distance from vehicles ahead and behind. Do not drive carelessly or perform unplanned maneuvers with nearby vehicles. Stay on designated paths and driving areas, and prevent others from operating vehicles at unauthorized locations.

Avoiding Accidents and Rollovers

The operation of a utility terrain vehicle differs from other types of vehicles. Utility terrain vehicles are designed for off-road terrain use (e.g., wheelbase and track width, ground clearance, suspension, drivetrain, tires, etc.). Therefore, rollovers may occur when operating on paved or smooth terrain primarily intended for other vehicles.

Rollovers or other accidents can occur rapidly during sudden maneuvers, such as:

- Sharp turns or rapid acceleration.
- Decelerating while turning.
- Driving on slopes or crossing obstacles.

Safe Operation - Driving Safety

Even on flat, open terrain, sudden maneuvers or aggressive driving can cause rollovers or loss of control. If the vehicle rolls, any body part (such as arms, legs, or head) outside the cabin may be crushed and trapped by the roll cage or other vehicle parts, and may also sustain impact injuries from the ground, cab, or other objects.

To reduce the risk of rollover:

- Exercise extra caution when turning.
- Adjust steering input based on speed and conditions.
- Reduce speed before entering a turn.
- Avoid sudden braking while turning.
- Avoid sudden or rapid acceleration while turning, even from a standstill or low speed.
- Do not attempt spinning, skidding, sliding, fishtailing, jumping, or other stunt maneuvers.
- If the vehicle begins to skid or slide, steer in the direction of the skid or slide.
- Do not slam the brakes and lock the wheels.
- This vehicle is primarily intended for off-road and farm use. Driving on paved surfaces may seriously affect vehicle handling. If short-distance travel on paved surfaces is necessary, reduce speed and avoid sudden steering, acceleration, or braking.

This vehicle may tip sideways, or roll forward or backward on slopes or uneven terrain:

- Avoid traversing slopes (driving along the slope rather than straight up or down). If possible, drive straight up and down rather than across. If you must drive along the side of a slope, exercise caution and avoid slippery surfaces, obstacles, or depressions. If you feel the vehicle beginning to roll or slide sideways, steer downhill whenever possible.
- Avoid steep slopes and follow the uphill and downhill operating procedures in this manual.

Sudden terrain changes such as holes, depressions, embankments, soft or hard ground, or other irregular terrain may cause the vehicle to roll over or become unstable. Observe the terrain ahead and reduce speed in uneven terrain areas.

Vehicle handling is different when carrying or hauling cargo:

- Reduce speed and operate the vehicle according to the cargo carrying and hauling instructions in this manual.
- Avoid hills and rough terrain.
- Allow greater braking distance.

Prepare for rollover prevention:

- Secure the side doors or side door nets and fasten seatbelts to help prevent arms or legs from extending outside the vehicle.
- Do not grip the roll cage while driving. In a rollover, your hands may be crushed between the roll cage and the ground. Keep your hands on the steering wheel or handgrips.
- Do not attempt to stop a rollover with your arms or legs. If you feel the vehicle may tip or roll, the driver should keep both hands on the steering wheel and both feet firmly on the vehicle floor. The passenger should keep both hands on the handgrips and both feet firmly on the vehicle floor.

Avoid Collisions

At high speeds, the risk of losing control increases, especially on challenging off-road terrain, and the risk of injury in a collision also increases significantly. Do not exceed the safe operating speed. Drive at a speed appropriate for the terrain, visibility, operating conditions, and your driving experience. This vehicle does not offer the same level of protection as an automobile in a collision — for example, there are no airbags, the cabin is not fully enclosed, and it is not designed to prevent collisions with other vehicles. Therefore, fastening seatbelts, securing side doors or side door nets, and wearing appropriate riding gear are extremely important.

Safe Operation - Driving Safety

Environment

● Off-road recreation is a privilege. While maintaining your privilege, also respect the environment and the rights of others to enjoy it:

● Chasing wildlife is illegal. If pursued by a motor vehicle, wildlife may die from exhaustion.

● Do not intentionally damage the terrain unless the operating area is designated for such activities.

● Follow the rule "pack in, pack out." Do not litter.

Practice

Before heading out for a ride, it is very important to familiarize yourself with the vehicle's operation in a controlled environment. Find a suitable area to practice and follow the exercises below. The practice area should be at least 147 x 147 ft. (45 x 45 m) and free of obstacles such as trees or large rocks. Remember: avoid high-speed driving until you are fully familiar with operating your vehicle.

Turning Practice

Turning is one of the most common causes of accidents. If you turn too fast or drive too fast, the vehicle is more likely to lose traction or roll over. Therefore, reduce speed in advance when approaching a turn.

Practice turning:

● First, learn to make gentle right turns at very low speed. Release the accelerator pedal before the turn and gradually reapply it.

● Repeat the turning practice, but this time maintain a steady accelerator pedal position through the turn.

● Finally, repeat the turning practice while gradually accelerating.

● Practice making left turns.

Safe Operation - Driving Safety

Observe how your vehicle responds in these different exercises. Our company recommends releasing the accelerator pedal before entering a turn to help initiate the direction change. As speed and steering input increase, you will feel lateral forces increase. Lateral forces should be kept as low as possible to ensure the vehicle does not roll.

U-Turn Practice

U-turn practice:

Accelerate slowly and, while maintaining low speed, gradually turn the steering wheel to the right until the U-turn is complete.

Repeat the U-turn practice using different steering inputs while always maintaining low speed.

Repeat the U-turn practice to the left.

As mentioned earlier in this Owner's Manual, do not drive on paved surfaces. The vehicle handles differently on paved surfaces, which increases the risk of rollover. Braking Practice

Practice braking to become familiar with the braking response:

- First practice braking at low speed, then gradually increase speed.
- Practice straight-line braking at different speeds and with different braking forces.
- Practice emergency braking. The best braking is achieved in a straight line, using high braking force without locking the wheels.

Remember that braking distance depends on vehicle speed, cargo load, and surface type. Tire and brake conditions are also important factors.

Safe Operation - Driving Safety

Reverse Practice

Practice using Reverse:

- Place a traffic cone on each side behind the rear wheels of the vehicle.
- Move the vehicle forward until you can see the traffic cones behind, then stop. Learn the distance required to see obstacles behind you.
- Learn how the vehicle operates in reverse and how it responds to steering input.
- Always use low speed when practicing in reverse.

Emergency Vehicle Shutdown Practice

Learn how to quickly stop the motor in an emergency:

- When operating at low speed, simply press the switch to the off position. This is to familiarize you with the vehicle's response when the motor suddenly shuts down during a ride, and to develop a conditioned response to such situations.

Operating the Vehicle

Off-Road Operation

Off-road operation on natural terrain is inherently dangerous. Terrain not specifically prepared for vehicle operation presents inherent hazards. The terrain composition, shape, and steepness are all unknown. The terrain itself is a constant hazard factor, and anyone venturing onto such terrain must be aware of this.

When operating the vehicle on off-road terrain, the operator should exercise extreme caution, choose the safest path, and closely observe the terrain ahead. This vehicle should not be operated by anyone who is not fully familiar with its operation, nor should it be operated on extremely steep or dangerous terrain.

General Driving Techniques

Care, caution, experience, and driving skill are the best safeguards against dangerous vehicle operation. Whenever there is the slightest doubt about the vehicle's ability to safely cross an obstacle or special terrain, choose a safer route. During off-road operation, power and traction are most important, not speed. Do not drive faster than your visibility and ability allow within the chosen safe route. If controls are not functioning properly, do not operate the vehicle — have it inspected at the dealer.

Reverse Operation

When operating in reverse, check that there are no persons or obstacles behind the vehicle. Be aware of blind spots. When all is safe, operate in reverse, maintain low speed, and avoid sharp turns.

⚠ WARNING
Steering input while operating in reverse increases the risk of rollover.

⚠ WARNING
When operating in reverse on a downhill slope, gravity may increase speed beyond the reverse speed limit. Failure to exercise caution during reverse operation may result in serious injury or death.

NOTE:

This vehicle is equipped with a reverse speed limiter. When operating in reverse, the drive motor speed is limited. For safety, gently and slowly press the accelerator pedal, applying just enough pressure to maintain the desired speed.

Crossing Paved Roads

If you must cross a paved road, ensure full visibility in both directions and identify the exit on the other side of the road. Drive in a straight line toward the exit. Do not make sudden direction changes or sudden acceleration, as this may cause a rollover. Do not drive on sidewalks or bicycle lanes, as they are designated for pedestrians and bicycles.

Driving on Paved Roads

Avoid driving on paved surfaces. This vehicle is not designed for paved road use, and rollovers are likely to occur on paved surfaces. If you must drive on paved surfaces, steer gently, drive slowly, and avoid sudden acceleration or braking.

Crossing Shallow Water

Water can be a hidden hazard. If the water is too deep, the vehicle may "float" and tip over. Before attempting to cross any body of water, check the water depth and current. Water depth should not exceed 350 mm (14 in.) to safely cross.

Be careful of unstable surfaces such as rocks, vegetation, logs, etc., whether in water or on shore, which may cause loss of traction. Do not attempt to enter water at high speed. Water will affect braking ability. After the vehicle exits the water, drive at low speed and apply the brakes several times to ensure the brake pads are dried.

What to Do When the Vehicle Has Been Submerged

Safely tow the vehicle to an open area, at least 15 meters (49 ft.) away from other structures or combustible materials (such as other vehicles and personal property).

If power battery faults, insulation alarms, or other faults occur after the vehicle has been through water, power off the vehicle and contact an authorized dealer.

Riding in Mud, Ice, or Snow

During pre-ride inspection, pay special attention to areas on the vehicle body where mud, ice, or snow may accumulate, as this can obstruct taillight visibility, block ventilation openings, clog the radiator and fan, and affect control movement. Before starting the vehicle, verify that the steering, accelerator pedal, and brake pedal operate freely without obstruction.

When the vehicle is driven on snow- or ice-covered surfaces, tire grip is generally reduced, causing the

vehicle to respond differently to control inputs. Riding in Sand

Riding on beaches and sand dunes is a unique experience, but several basic precautions should be noted. Moisture, depth, or fine sand may cause loss of traction and cause the vehicle to slide, sink, or become stuck. If this occurs, find solid ground. Again, the best advice is to reduce speed and observe the terrain.

When riding on sand dunes, it is recommended to install an antenna-type safety flag on the vehicle. This will help people on other dunes see your location more easily. If you see another safety flag ahead, proceed with caution.

Riding on Gravel, Loose Stones, or Other Slippery Surfaces

Riding on gravel or loose stones is very similar to riding on ice. It affects vehicle steering and can easily cause skidding at high speed.

This may also result in a rollover. Additionally, braking distance may be affected. Remember that "gunning" the accelerator pedal or spinning the tires may cause stones to be thrown backward, injuring others. Crossing Obstacles

Exercise special caution when crossing obstacles in your path, including rocks, fallen trees, and depressions. Avoid them whenever possible. Remember that some obstacles are too large or too dangerous to cross and should be avoided. The general guideline is: do not attempt to cross obstacles higher than the ground clearance. Small rocks or small fallen trees may be safely crossed. Approach obstacles at reduced speed and at as large an angle as possible. Adjust speed without losing power and without making sudden accelerations. Passengers must firmly grip the handgrips and keep both feet planted on the vehicle floor.

Hill Driving Conditions

When driving on hills or slopes, two things are especially important: be prepared for slippery surfaces, terrain changes, and obstacles, and keep your body properly positioned inside the vehicle. If the surface is too slippery or loose when climbing or descending, the vehicle may lose control. If you crest a hilltop at high speed, you may not have time to prepare for the terrain on the other side. Avoid stopping on slopes. When stopping or parking, always set the gear selector to Neutral, especially on slopes, to avoid rolling. If you must park on a steep slope, block the wheels on the downhill side with stones or other suitable objects.

Safe Operation - Driving Safety

Uphill Driving

Use low speed when driving uphill. Due to this vehicle's configuration, it has very good traction even when climbing, so it is more likely to roll over before losing traction. For example: hilltops eroded into sharp crests with steeply rising grades are commonly encountered. This vehicle is not specifically designed to cross such terrain, so choose a safer alternate path.

When you determine that a slope is too steep to climb, apply the brakes to secure the vehicle, shift to Reverse (R), and back straight down the slope. Slightly release the brakes to maintain low speed. Do not attempt to turn. Do not coast downhill in Neutral. Do not apply sudden braking, as this increases the risk of rollover.

Downhill Riding

This vehicle can climb steep slopes but may not be able to safely descend the same steep slope. Therefore, before climbing, it is very important to ensure a safe route exists for descending. When crossing a slippery downhill slope, reducing speed may cause the vehicle to "drop sharply" and skid. Maintain a steady speed or slightly accelerate to regain control. Do not brake too hard or lock the wheels.

Hauling and Towing Cargo

Your vehicle can help you perform many different types of light-duty tasks, ranging from snow removal to hauling logs or carrying cargo. This may change the vehicle's handling. To prevent injury, follow the instructions and warnings in this manual and on the vehicle.

Always comply with this vehicle's cargo weight limits. Overloading causes excessive stress on components and may result in failure.

Carrying Cargo

The vehicle's total load capacity, including the driver, passenger, cargo, accessories, and trailer tongue weight combined: 1,102 lb. (500 kg)

The following is an example of a reasonable total vehicle load distribution:

Reasonable Total Vehicle Load Example				
Driver and Passenger	**cargo bed load capacity**	**Accessory Storage**	**Tongue Weight**	**Total Vehicle Load**
352.7 lb. (160 kg)	661.2lb. (300kg)	11 lb. (5 kg)	55.1 lb. (25 kg)	1102lb. (500kg)

⚠WARNING
When the vehicle is traveling on level terrain and the total load exceeds 245 kg (540 lb.), limit vehicle speed to ≤ 12 mph (20 km/h); **When the vehicle is traveling on muddy or damaged surfaces and the total load exceeds 175 kg (386 lb.), limit vehicle speed to ≤ 12 mph (20 km/h).**

Vehicle Settings When Carrying Cargo

If the vehicle load approaches 1,102 lb. (500 kg), including driver, passenger, cargo, accessories, and trailer tongue weight:

- Inflate tires to maximum pressure: Front: 36 PSI (250 kPa), Rear: 36 PSI (250 kPa)
- Readjust the shock absorber spring preload accordingly.
- Reduce speed when carrying cargo in the cargo bed or towing a trailer.

Cargo Distribution

This vehicle is designed to carry or tow a certain weight of cargo. Please ensure:

- Read and understand the cargo distribution warning information on the warning labels.
- Do not exceed the specified weight limits.
- Keep cargo weight as low as possible.
- When carrying or hauling cargo on rough or steep terrain, reduce speed and reduce the load to maintain stable driving conditions.

Hauling or Towing

This vehicle is equipped with a towing hitch and winch for trailer towing and hauling.

⚠ WARNING
Do not use the winch to tow a trailer. Prolonged towing may cause battery depletion or winch overheating.

⚠ WARNING
Do not tow the vehicle unless it is in the Ready state. Towing without the Ready state may cause motor controller (MCU) damage.

Hauling Cargo

● Do not attach cargo to the roll cage, as this may cause a rollover. Use only a trailer or winch (if installed) to haul cargo.

● When towing cargo with chains or ropes, ensure there is no slack before starting the vehicle and maintain tension while towing.

⚠WARNING
Slack may cause chains or ropes to break and snap back, which is likely to cause injury.

● When towing cargo, follow the vehicle's maximum towing capacity.

● When towing another vehicle, ensure someone is in control of the towed vehicle so it can brake or steer to prevent loss of control.

● When towing cargo, reduce speed and steer slowly to prevent chains, straps, or ropes from contacting the rear wheels. Avoid hills and rough terrain. Do not attempt to operate on steep slopes. Allow greater braking distance, especially on inclined surfaces. Be careful not to skid.

● Before using the winch to haul cargo, refer to the winch operating instructions.

Towing Cargo

When using a trailer behind the vehicle, ensure the hitch is compatible with the vehicle. Ensure the trailer and vehicle remain level. In case of hitch failure, use safety chains or ropes to securely fasten the trailer to the vehicle.

Improper trailer towing may cause loss of control. Follow the recommended maximum towing load and maximum hitch load. Ensure there is at least some weight on the hitch. Follow these guidelines for proper hauling and towing:

⚠WARNING
Vehicle overloading or improper cargo carrying or towing may alter vehicle handling and may cause loss of control or braking instability.

Safe Operation - Driving Safety

Reduce speed when hauling or towing cargo.

Do not exceed the vehicle's specified load capacity.

Before operating this vehicle, all cargo must be securely fastened. Unsecured cargo may shift and create unstable operating conditions, leading to loss of vehicle control.

● When operating on rough or steep terrain, reduce speed and reduce the load to maintain stable driving conditions.

● When the vehicle is loaded, exercise extra caution when braking. Avoid terrain or situations that may require reversing downhill.

● Load distribution should be as low as possible. Tall cargo raises the vehicle's center of gravity and creates unstable operating conditions. When the cargo center of gravity is high, reduce the cargo weight.

● When off-center cargo cannot be centered, secure the cargo firmly and exercise extra caution during operation.

● Operating the vehicle with cargo extending beyond the cargo area may adversely affect stability and maneuverability, potentially causing the machine to roll.

● Carrying cargo while simultaneously towing may create imbalanced conditions, increasing the possibility of vehicle rollover. Balance the load proportions, but do not exceed the specified load limits.

● Use hitch points and equipment specifically designed for trailers. Do not exceed the recommended hitch load.

● Using chains, straps, ropes, or other materials to tow objects is not recommended, as these may become entangled in the rear wheels, causing vehicle failure or personal injury.

Safe Operation - Driving Safety

● When towing on a level surface, vehicle speed must not exceed 10 mph (16 km/h). When towing on rough terrain, turning, or going up or down slopes, vehicle speed must not exceed 5 mph (8 km/h).

● When stopping or parking, block the wheels and trailer wheels on the side where they may roll.

● Exercise extra caution when disconnecting a loaded trailer. The trailer or its cargo may push you or others over.

Maximum Towing Capacity			
Accessory Type	**Allowable Trailer Load**	**Tongue Weight**	**NOTE**
(S φ50 mm) Tow Ball	882 lb. (400kg)	88 lb. (40kg)	Including trailer and trailer load

⚠WARNING
When the trailer load approaches 882 lb. (400 kg) and traveling on level terrain, please take the following measures to ensure driving safety and minimize vehicle damage: ● Vehicle unloaded. ● Switch the vehicle to four-wheel drive mode. ● Reduce speed to below 9 mph (15 km/h). ● Use low speed to increase traction and stability.

Winch Operation

Your vehicle is equipped with a winch capable of hauling loads of certain weights and types. The winch can be used for self-recovery when the vehicle is stuck, helping to recover other vehicles, moving fallen trees, removing brush, etc.

Consider practicing winch operation and use before you actually need it.

When the vehicle is equipped with a winch or a winch accessory has been installed, follow the safety warnings, operating safety precautions, and instructions in this section: Winch Safety Warnings

When the vehicle is equipped with a winch or a winch accessory has been installed, follow these safety warnings:

- Read all contents of this manual.
- Improper use of the winch or failure to follow the correct winch guidelines, instructions, and warnings in this manual may result in serious injury or death.
- Improper or insufficient winch maintenance may result in serious injury or death.
- When operating the winch, always keep your body, hair, clothing, jewelry, etc. away from the winch rope, fairlead, and hook.
- Always ensure the area around the vehicle, winch, winch rope, and load is clear of people, pets, and obstructions.
- Always wear safety goggles and heavy-duty gloves when operating the winch.
- Do not consume alcohol or take medication before or during winch operation.
- Do not allow children under 16 years of age to operate the winch.
- Do not attempt to "jerk" a load by moving the vehicle.
- Do not use the winch at sharp upward, downward, or side angles, as this may destabilize the winch vehicle and cause it to move without warning.

- Do not attempt to winch loads exceeding the winch's rated capacity.
- Do not touch, push, pull, or step over the rope while the winch is under load.
- Do not let the winch rope run through your hands, even when wearing heavy-duty gloves.
- Do not release the winch drum while the winch rope is under load.
- Do not use the winch to lift or transport persons.
- Do not use the winch to lift or suspend vertical loads.
- Do not fully retract the hook into the winch. This will damage system components.
- Do not operate a winch or vehicle that requires repair or maintenance.
- When the vehicle or winch is not in use, always turn off the vehicle ignition and store the remote control (if equipped) to prevent accidental or unauthorized use.

Winch Operation Safety Precautions

When the vehicle is equipped with a winch or a winch accessory has been installed, follow these operating safety precautions:

- Always inspect the winch and winch rope before each use.
- Always align the load in front of the vehicle with the winch as much as possible. Avoid angling the winch rope relative to the vehicle centerline whenever possible. If an angle cannot be avoided when using the winch, follow these precautions:

A. Frequently check the winch drum. Do not allow the winch rope to pile up or concentrate on one end of the winch drum. Too much rope concentrated on one end of the drum will cause winch and rope failure.

B. If piling occurs, stop using the winch immediately. Follow the "Winch Rope Spooling Guide" section in this manual to re-spool the winch rope evenly before continuing winch operation.

- Always use the vehicle parking brake or parking mechanism to stabilize the vehicle in place when using the winch. Use wheel chocks when necessary.

● Ensure at least five wraps of winch rope remain on the winch drum at all times. The wrapped rope provides friction that allows the drum to pull the winch rope and move the load.

● Do not apply grease or oil to the winch rope. This will cause debris to adhere to the rope, shortening its service life.

● During winch use, the winch motor and relay may become hot. When the winch has been used for more than 45 seconds, or if the winch stalls during operation, stop the winch and allow it to cool for at least 10 minutes before using it again.

● Always be aware of your surroundings when operating the winch. Do not intentionally damage trees, etc.

Basic Winch Operation

● When the vehicle is equipped with a winch, the following operating guidelines must be followed. Before using the winch, read the winch safety warnings and winch operating safety precautions on the preceding pages.

● Before starting — be aware that every winch use situation is unique:

● Take time to consider what you want to achieve with the winch.

● Operate slowly and carefully.

● Do not rush when using the winch.

● Always be aware of your surroundings.

● If the desired result is not achieved, you may need to change your winching strategy.

● Always remember that winch forces are very powerful. There are some situations you and your winch cannot handle. When this occurs, do not hesitate to ask others for help.

Safe Operation - Driving Safety

1. Before each winch use, always inspect the vehicle, winch, winch rope, and winch controller for any signs of damage, or parts that need repair or replacement before use. When the winch is being used (or has been used) to raise an accessory plow assembly, pay particular attention to the first 3 ft. (1 m) of winch rope. If any wear or damage is found, replace the winch rope immediately.

2. Always engage the vehicle parking brake or parking mechanism to secure the vehicle in position when using the winch. Use wheel chocks when necessary.

3. Release the winch drum and pull out the necessary length of winch rope. Always use the hook strap when handling the hook. Do not remove the hook strap from the hook.

NOTE: Ensure at least five wraps of winch rope remain on the winch drum at all times. The wrapped winch rope provides friction that allows the drum to pull the winch rope and move the load.

4. Attach the hook to the load, or use a tow strap or chain to secure the load to the winch hook. Do not hook the winch rope back onto itself, as this will damage the rope and cause rope failure.

⚠**WARNING: Do not use "snatch straps" for winch operations. Snatch straps are designed to be elastic. If the strap or winch rope breaks, excessive force may be released, resulting in serious injury or death. Use only undamaged, non-elastic tree saver straps or chains.**

5. Re-engage the winch drum.

6. Slowly take up the slack in the winch rope until taut, then stop and follow the "Winch Damper" guidelines below to ensure safe operation:

A. To absorb the force released in the event of winch rope failure, place a damper at the center point of the winch rope length. A damper can be a heavy coat, tarpaulin, or other soft, heavy object. If the winch rope breaks during use, the damper will absorb much of the released force. If no suitable object is available, tree branches can serve as a damper.

B. Place the damper at the center of the winch rope.

C. When winching over long distances, it may be necessary to stop the winch to reposition the damper at the center of the winch rope. Always release tension from the winch rope when repositioning the damper.

D. During winch operation, avoid standing in line with the winch rope whenever possible, and do not allow anyone else to stand beside or in line with the winch rope.

1. When the work is complete or the load can be moved without winch assistance, stop using the winch immediately.

2. Disconnect the winch hook, then re-spool the winch rope onto the winch drum as directed in this manual.

Vehicle Recovery Methods

Vehicle Self-Recovery:

A. Release the winch drum and pull out the necessary length of winch rope.

B. When possible, select an anchor point as close as possible that aligns the winch rope with the vehicle centerline. This will help the winch rope spool evenly and reduce the load on the fairlead.

C. Attach the winch hook to the anchor point.

NOTE: When using trees to recover the vehicle, use a tree saver strap during winch operation to avoid damaging trees. Sharp ropes and chains can damage or even destroy trees. Always respect the environment.

D. Re-engage the winch drum.

E. Slowly take up the slack in the winch rope, then use a damper.

F. Shift to the lowest gear to drive the vehicle toward the winch direction.

G. Carefully use the winch power and accelerator pedal simultaneously to free the vehicle.

NOTE: Using the vehicle accelerator pedal and winch simultaneously involves risk and is optional. If you are not confident in your ability to perform this operation, shift the vehicle to Neutral and use the winch only.

H. When the stuck vehicle can propel itself and no longer requires winch assistance, stop using the winch immediately.

I. Disconnect the winch hook, then re-spool the rope evenly onto the drum as directed in this manual.

NOTE: The only situation in which a winch-equipped vehicle should move while using the winch is during self-recovery. A winch-equipped vehicle must not attempt to recover another stuck vehicle by moving to "shock load" the winch rope. For more information, see the "Winch Shock Loading" section of this manual.

Recovering Another Vehicle:

A. Release the winch drum and pull out the necessary length of rope.

B. Attach the winch hook to the vehicle. When possible, select an anchor point on the stuck vehicle as close as possible that aligns the winch rope with the winch vehicle's centerline. This will help the winch rope spool evenly and reduce the load on the fairlead.

NOTE: Do not attach the winch hook to suspension components, guards, bumpers, or racks, as this may cause vehicle damage. Always attach the hook to the strongest part of the frame or the towing hitch.

C. Re-engage the winch drum.

D. Slowly take up the slack in the winch rope, then use a damper.

E. Shift the stuck vehicle to the lowest gear to drive it toward the winch direction.

F. Carefully use the winch power and the stuck vehicle's accelerator pedal to free the vehicle.

G. When the stuck vehicle can propel itself without winch assistance, stop using the winch immediately.

H. Disconnect the winch hook and re-spool the rope evenly onto the winch drum as directed in this manual.

Winch Rope Maintenance

Always inspect the winch rope for wear or kinks before each use. Do not use a damaged winch rope. Follow these inspection and usage guidelines:

Kinks, deformation, or bending in a steel wire winch rope are permanent and very severe damage. If this occurs, stop using the winch rope immediately.

Even if a kinked steel wire winch rope appears usable after being "straightened," the rope has been permanently severely damaged and can no longer achieve its rated load capacity. Stop using the winch rope immediately in this case.

Synthetic fiber winch ropes should be inspected for signs of wear. If wear is found, replace the rope immediately. Stop using the winch rope immediately in this case.

Replace synthetic fiber winch ropes when rope fibers show signs of melting. Damaged sections of synthetic fiber rope become hardened and appear smooth. Stop using the winch rope immediately in this case.

Do not use ordinary polymer rope as a substitute for synthetic fiber winch rope. Use only rope specifically designed for winch use.

Do not apply grease or oil to steel wire winch rope, as this will cause debris to adhere to the rope and shorten its service life.

Do not operate a winch with a faulty hook or latch. Always replace damaged components before using the winch.

WARNING: Replace winch rope and components at the first sign of damage to prevent serious injury or death due to failure.

Winch Rope Spooling Guide

After winch use, especially when the winch has been used at an angle, it may be necessary to re-spool the winch rope evenly on the winch drum. This reduces the likelihood of the rope "burying" between lower layers of rope. You will need an assistant to complete this task:

A. Release the winch drum.

B. Pull out the unevenly spooled winch rope from the winch drum.

C. Re-engage the winch drum.

D. Have the assistant firmly hold the winch rope hook strap with approximately 100 lbs. (45 kg) of tension.

E. Slowly spool the rope using the winch while the assistant moves the end of the winch rope, distributing it evenly across the winch drum in a horizontal forward direction.

Winch "Shock Loading"

The winch (if equipped) is designed and tested to withstand loads generated when operating from a stationary vehicle. Always remember that the winch, winch rope, and components are not designed for shock loading. Follow these guidelines:

Do not attempt to "jerk" a load with the winch. For example, do not move the winch vehicle to take up slack in the winch rope in an attempt to move an object. This is a dangerous practice that generates high loads exceeding the strength of the components. Even slowly moving the vehicle can generate large shock loads, causing failure.

Do not rapidly and repeatedly turn the winch on and off. This is a form of shock loading that places excessive loads on winch components and the winch rope, and causes overheating of the motor and relay assemblies.

Do not use the winch to tow a vehicle or other objects. Towing with a winch generates shock loads, even at low speed. When towing with a winch, the pulling force is applied at a high point on the vehicle, which may cause instability and accidents.

Do not use snatch straps when operating the winch, as this is a form of shock loading. Snatch straps are designed to be elastic and store energy. When a failure occurs, the energy stored in the strap will be released, making the accident more dangerous. Likewise, do not use bungee cords for winch operations.

Do not use the winch to secure the vehicle to a trailer or other transport equipment. This is a form of shock loading that may damage winch components, winch rope, or other transport equipment.

Maintenance

Careful and regular maintenance will help keep the vehicle in the safest and most reliable condition. The maintenance schedule provides detailed instructions for inspecting, adjusting, and lubricating important components.

Inspect, clean, lubricate, adjust, and replace components as necessary. When inspection indicates that parts need replacement, ensure that genuine original parts from the dealer are used.

NOTE:

Regular servicing and adjustments are critical. If you are not familiar with servicing and adjustment procedures, contact a qualified dealer for professional maintenance.

Severe Use Definition

The vehicle is defined as being used under severe conditions if any of the following apply:

- Frequently submerged in mud, water, or sand.
- Racing or similar competition use at high RPM.
- Frequent short-distance operation in cold weather.
- Vehicle used for commercial operations.

If your vehicle's use matches any of the above definitions, reduce the maintenance interval by 50%.

Maintenance

WARNING

Incorrectly performing maintenance procedures marked with '■' may result in component failure leading to serious injury or death. Have an authorized dealer perform these maintenance procedures.

Recommended Lubrication

Inspect all components at the maintenance intervals listed in the maintenance schedule. Items not listed in the schedule should be lubricated at regular lubrication intervals.

Key Lubrication Notes

- Change lubricant more frequently after use in severe conditions, such as wet or dusty environments.
- Use all-season grease on pivot points.
- Lubricate every 500 miles (900 km), before long-term storage, after high-pressure washing, or after the drivetrain has been submerged.

Item	Specifications	Method
Brake Fluid	DOT4	Maintain between the maximum and minimum marks.
Front Reducer Oil	SAE 80W-90 GL-5	Oil Capacity: 0.275 qt. (260 mL)
Rear Reducer Oil	SAE 80W-90 GL-5	Oil Capacity: 0.845 qt. (800 mL)
Pivot Point Lubrication Grease	All-Season Grease	Grease Gun - Pump grease until it slightly seeps from the lubrication point.

Pre-Ride Maintenance Checklist

Perform the following inspections before operating the vehicle:

Item		Pre-Ride Maintenance Items			
		hours	Schedule (Months)	Miles (Kilometers)	Remarks
■	Steering System	–	Pre-Ride	--	Visually inspect, test, or check the component. Adjust when required or schedule a service appointment.
■	Accelerator Pedal Return	–	Pre-Ride	--	
	Front Suspension and Axle	–	Pre-Ride	--	
	Rear Suspension and Axle	–	Pre-Ride	--	
	tire	–	Pre-Ride	--	
	Brake Fluid Level	–	Pre-Ride	--	
	Brake System Function	–	Pre-Ride	--	
	Wheels / Fasteners	–	Pre-Ride	--	
►	Headlight Aim / General Lighting and Turn Signals (Optional)	–	Pre-Ride	--	Inspect. Adjust or replace lighting as necessary.
►	radiator	–	Pre-Ride	--	Check whether the surface is clogged with dirt or debris blocking the air intake. Perform surface cleaning as necessary.

►= Severe use item. Reduce the vehicle maintenance interval by 50% when the vehicle is used under severe conditions.

■ = Component or system that must be serviced by an authorized dealer.

● = Emission-related component. Repairs to this component or system must be performed by an authorized dealer.

Break-In Period Maintenance Checklist

Perform the following maintenance items at 20 hours or at the specified mileage interval, whichever comes first.

Item		Break-In Period Maintenance (Whichever comes first)			
		hours	Schedule (Months)	Miles (Kilometers)	Remarks
	Regular Lubrication	20h	–	200 (320)	Lubricate all grease points, grease fittings, cables, etc.
	Front and Rear Reducer Oil	20h	–	200 (320)	inspect/check oil level
►	brake pad	20h	–	200 (320)	Check Brake Pad Thickness
■	Steering / Wheel Alignment	20h	–	200 (320)	Inspect the steering system. Contact the dealer for wheel alignment if necessary.

►= Severe use item. Reduce the vehicle maintenance interval by 50% when the vehicle is used under severe conditions.

■ = Component or system that must be serviced by an authorized dealer.

● = Emission-related component. Repairs to this component or system must be performed by an authorized dealer.

Regular Maintenance Schedule

After the 20-hour break-in period, perform maintenance at the scheduled intervals, whichever comes first.

Item		Post Break-In Maintenance (Whichever comes first)			
		hours	Schedule (Months)	Miles (Kilometers)	Remarks
►	brake pad	10h	Monthly	100 (160)	Check brake pad thickness.
►	Regular Lubrication	50h	3M	500 (800)	Lubricate all grease points, cables, etc.
►	Front Reducer Oil	50h	12M	500 (800)	Check oil level. If the hour or distance interval has not beer reached, replace annually.
►	Rear Reducer Oil	50h	12M	500 (800)	Check oil level. If the hour and distance interval have not been reached, replace annually.

►= Severe use item. Reduce the vehicle maintenance interval by 50% when the vehicle is used under severe conditions.

■ = Component or system that must be serviced by an authorized dealer.

● = Emission-related component. Repairs to this component or system must be performed by an authorized dealer.

Maintenance

Item		Post Break-In Maintenance (Whichever comes first)			
		hours	Schedule (Months)	Miles (Kilometers)	Remarks
■	Steering System	50h	6M	500 (800)	Inspect, lubricate
►	front suspension	50h	6M	500 (800)	Lubricate, check fasteners
►	rear suspension	50h	6M	500 (800)	Lubricate, check fasteners
►	Circuits, Fuses, Connectors, Relays, and Cables	100h	12M	1000 (1600)	Inspect wiring for wear and security. Apply non-conductive grease as necessary to connectors exposed to water, mud, etc.
► ■	Vehicle Bearings	100h	12M	1000 (1600)	Check for noise and looseness. Replace as necessary.
►	Seatbelt	100h	12M	2000 (3200)	Visually inspect seatbelts and test latches. If subjected to severe use, clean the latch mechanism more frequently. Replace as necessary.
►	Reducer Oil	50h	12M	2000 (3200)	Check oil level. If the hour or distance interval has not been reached, replace annually.

►= Severe use item. Reduce the vehicle maintenance interval by 50% when the vehicle is used under severe conditions.

■ = Component or system that must be serviced by an authorized dealer.

● = Emission-related component. Repairs to this component or system must be performed by an authorized dealer.

Item		Post Break-In Maintenance (Whichever comes first)			
		hours	Schedule (Months)	Miles (Kilometers)	Remarks
►	Brake Fluid	200h	24M	1000 (1600)	Check brake fluid for color change. Replace brake fluid every two years.
■	Steering / Wheel Alignment	--	12M	--	Inspect the steering system. If steering components or wheel alignment are required, contact the dealer for service.
►	Foot Brake Height	-	12M	-	Inspect. Replace brake pads or adjust height as necessary.

►= Severe use item. Reduce the vehicle maintenance interval by 50% when the vehicle is used under severe conditions.

■ = Component or system that must be serviced by an authorized dealer.

● = Emission-related component. Repairs to this component or system must be performed by an authorized dealer.

Inspection and Maintenance Records

Inspection and Maintenance Records	Perform maintenance according to this maintenance schedule.					
Inspection Sequence	1	2	3	4	5	6
Date						
Miles / Kilometers						
Dealer Signature and Stamp						

Inspection and Maintenance Records	Perform maintenance according to this maintenance schedule.					
Inspection Sequence	7	8	9	10	11	12
Date						
Miles / Kilometers						
Dealer Signature and Stamp						

Front and Rear Reducers

Before operating the vehicle, check the front and rear axles for oil leaks. If an oil leak is found, do not continue driving the vehicle and contact your dealer for inspection and repair.

1. Replacing Front, Rear Axle and Rear Reducer Oil;
2. Place the vehicle on a flat surface and engage the parking brake;
3. Place an oil drain pan beneath the front axle, rear axle, and rear reducer to collect used axle oi;
4. Remove the bottom magnetic drain plug and washer;
5. Clean debris and dirt adhering to the magnetic drain plug. If the washer is damaged, replace it with a new washer;
6. Wait several minutes until the axle oil has completely drained;

Install the bottom magnetic drain plug and washer;;

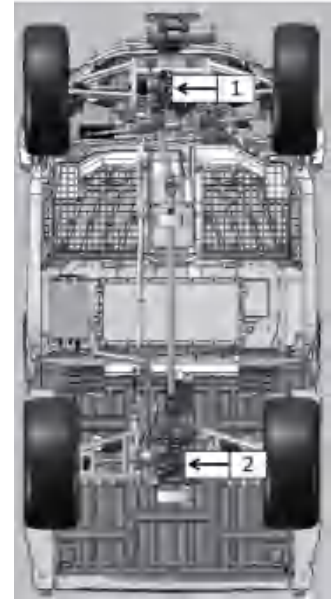
7. Drain plug tightening torque: 18.4 ft-lb. (25 N·m);

8.Remove the fill plug and washer;

Use the appropriate tool to add the specified amount of recommended axle oil. (SAE80W-90 GL-5);

Front reducer oil: 0.275 qt. (260 mL)

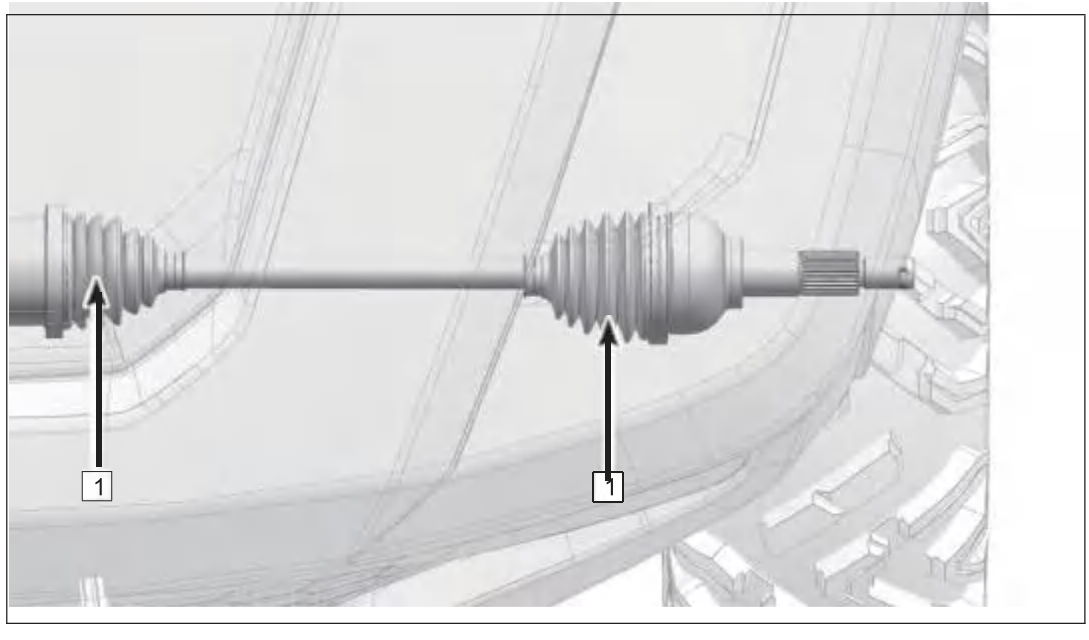
Rear reducer oil: 0.845 qt. (800 mL)



1	Front Reducer Drain Port	2	Rear Reducer Drain Port

Front and Rear Seal Covers

Before riding, the front and rear seal covers 1 must be inspected for holes or wear. If any damage is found, contact your dealer for repair.



Power Battery

The power battery must not be washed or repaired;

Contact the dealer promptly in case of malfunction;

Removed power batteries must follow battery storage environment requirements even for temporary storage;

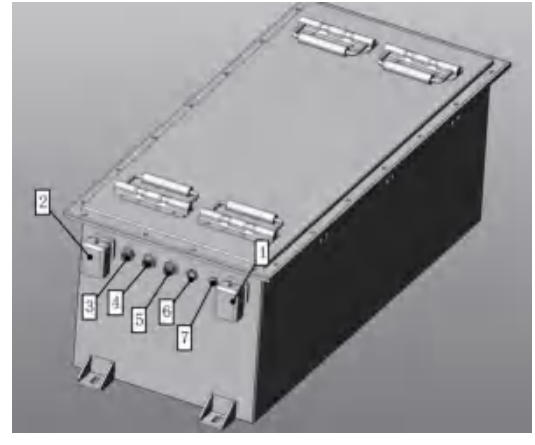
Power battery components:

1.Battery positive terminal; 2.Battery negative terminal;

3.External switch connector; 4.Instrument communication interface;

5.Charging communication interface; 6.Self-locking switch;

7.Vent valve



Read and follow all instructions on the labels affixed to the vehicle. These labels are provided for your safety.

High-voltage system components are not intended for user service. Never disassemble, remove, or replace high-voltage components, cables, or connectors yourself.

CAUTION
1. The battery is strictly prohibited from being used or stored near high-temperature heat sources (such as fire, heaters, etc.); 2. Do not use in areas of strong static electricity or strong magnetic fields. Otherwise, the power battery system may be damaged, creating a safety hazard. 3. Never use the battery with the positive and negative terminals reversed;

Maintenance

Power Battery Storage

1. Storage temperature: 25±5°C, relative humidity ≤ 65% R.H. (no water condensation);

2. The storage environment should be kept dry, clean, and well-ventilated. Prevent severe vibration, impact, compression, sun exposure, and rain. Carbon dioxide fire extinguishers capable of extinguishing Class E fires and other firefighting equipment must be provided.

3. Avoid contact with corrosive substances or gases;

4. Labels must be clearly visible. Keep away from fire and heat sources, and ensure proper insulation;

5. Ensure the battery enclosure protective cover is securely installed without defects or damage;

6. Positive and negative terminals must be insulated with protective covers or other insulating materials, with no bare metal exposed;

7. If the battery will be stored for more than 30 days, periodically (recommended every 3 months) adjust the state of charge (SOC) to approximately 50%.

Handling and Transportation

1. Before handling, check the battery pack insulation to ensure the insulation resistance between the positive/negative terminals and the battery enclosure is ≥ 200 MΩ;

2. Handle with care, keep upright, do not place upside down or at an angle. Use dedicated transport equipment when moving. Manual handling, dragging, and damage to the battery exterior are strictly prohibited;

3. The battery pack should be transported in a partially charged state. The remaining charge should be determined based on transport time and self-discharge rate. Remaining charge must not be less than 30%;

4. During transport, protect electrical connectors from impacts and drops;

5. During transport, prevent severe vibration, impact, compression, sun exposure, and rain. Carbon dioxide fire extinguishers capable of extinguishing Class E fires and other firefighting equipment must be provided;

6. Transport and handle the power battery system enclosure according to regulations. Dragging, prying, and other forceful actions are strictly prohibited;

7. When loading and unloading the product, use a forklift or specialized tools. Handle gently; do not throw or compress, as this may cause battery system damage or accidental personal injury;

Other Precautions During Battery Use

1. Under no circumstances should the power battery system be thrown into fire or immersed in liquids (such as fresh water, seawater, etc.).
2. While the vehicle is powered on, it is strictly prohibited to plug in or unplug any connectors on the power battery.
3. Check the remaining charge before driving. It is recommended to charge to 50%–100% before driving. Confirm that the multimedia display shows no battery system alarm messages. If alarm messages are present, stop all operations and immediately contact the vehicle after-sales service for guidance and assistance.
4. When the vehicle can no longer drive due to low charge, do not use high-energy-consumption functions and recharge promptly.
5. When the instrument panel displays a state of charge (SOC) below 20% while driving, it is recommended to charge promptly.
6. When driving in rain, be aware of standing water. When the vehicle needs to ford water, confirm that the water depth will not submerge the battery pack connectors to prevent potential short circuit damage to the battery system.
7. If you have any safety concerns about the product, stop using it immediately, disconnect it from the power source, and immediately contact the vehicle after-sales service for further guidance.

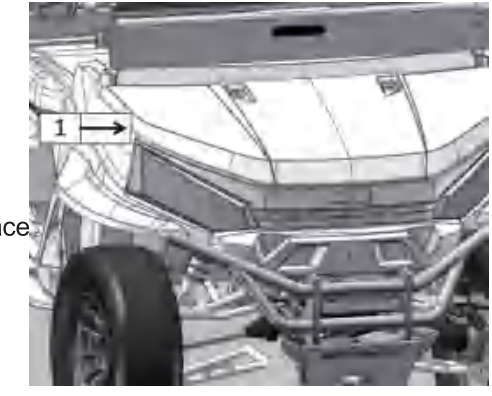
Brake System

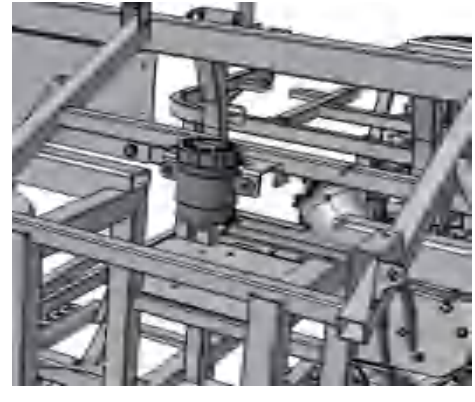
Brake Fluid Level Inspection:

Before riding, check the brake fluid level is above the minimum line. Add fluid if needed. The reservoir is under the front panel. Low fluid allows air into the brake system, risking brake failure.

Observe these precautions:

- When checking fluid levels, ensure the vehicle is on a level surface.
- Use only brake fluid of the specified grade. Otherwise, rubber seals may deteriorate, causing brake fluid leakage and poor braking performance.
- Recommended brake fluid: DOT 4.
- When topping off brake fluid, use the same type. Mixing different brake fluids may cause harmful chemical reactions and result in poor braking performance.
- Do not allow water to enter the master cylinder reservoir. Water lowers the boiling point of brake fluid, resulting in poor braking performance.
- Brake fluid may damage painted surfaces or plastic components. If spilled, clean up immediately.





● When brake pads wear, a decrease in brake fluid level is normal. An excessively low fluid level may indicate brake pad wear or a brake system oil leak.

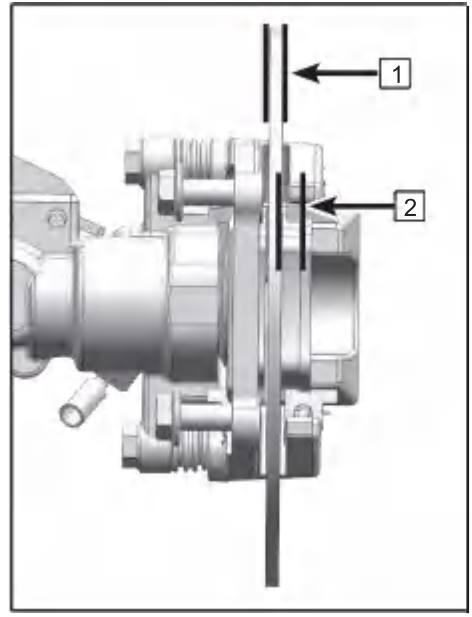
Therefore, ensure you check the brake pads for wear before checking the brake system for oil leaks.

● If the brake fluid level drops suddenly without explanation,

contact your dealer to determine the cause. Brake Pad

Inspection

Inspect the front and rear brake pads and brake discs for damage and wear. If brake pad thickness 2 is less than 0.08 in. (2.0 mm) or brake disc thickness 1 is less than 0.16 in. (4.0 mm), have the dealer replace them. Replacing brake assembly components requires professional expertise. Have your dealer perform these operations.



NOTE:

The wheels must be removed before inspecting the brake pads.

⚠ WARNING
After Maintenance: ● Ensure brake operation is smooth and the brake lever free play is correct. ● Ensure there is no brake drag and the brake operation is not spongy. ● Bleed all air from the brake system.

Brake Fluid Replacement

Complete brake fluid replacement must be performed by professionally trained service personnel. During routine maintenance, or when the brake system is damaged or leaking, have your dealer replace the following components:

- Replace brake hoses every 4 years.

⚠WARNING
An overfilled master cylinder may cause brake drag or brake lockup, which could lead to an accident resulting in serious injury or death. Keep brake fluid within the recommended range. Do not overfill.

⚠WARNING
Do not store or use a partially used bottle of brake fluid. Brake fluid is hygroscopic, meaning it rapidly absorbs moisture from the air. Moisture lowers the boiling point of brake fluid and may cause premature brake failure, which could result in an accident or serious injury. Therefore, discard any remaining brake fluid after opening a bottle.

Brake Light Switch Operation

The brake light switch is activated by pressure on the brake pedal. The brake light illuminates when braking is engaged. If the brake light malfunctions, check the switch assembly or electrical wiring to determine if they are functioning properly.

Suspension

Certain front suspension components on this vehicle do not require maintenance or lubrication. Before operating the vehicle, ensure these components are regularly cleaned and free of any looseness or damage.

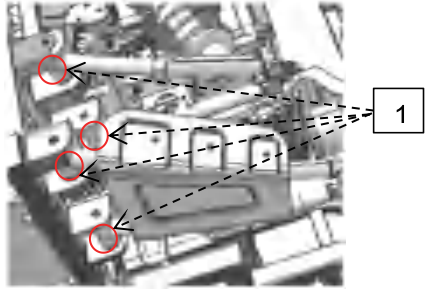
Suspension

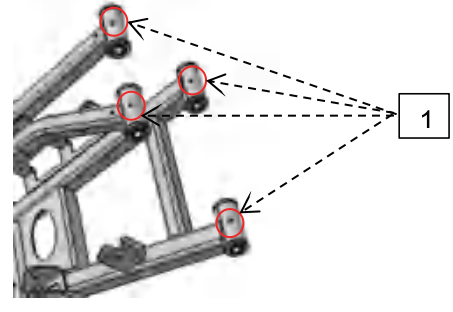
Front Control Arm Bushing and Rear Torsion Bar Lubrication

Lubricate the front suspension control arm bushings and rear suspension torsion bars.

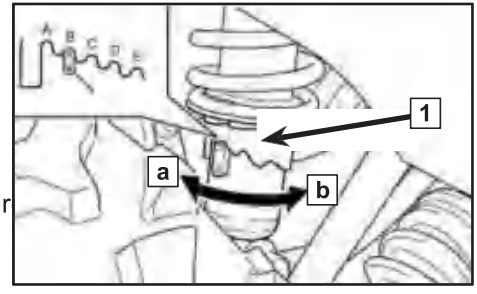
- Use a grease gun to inject grease into grease fitting 1 until it slowly seeps out of the bushing.

NOTE
There are 8 grease fittings on the front suspension control arm bushings and 8 grease fittings on the rear suspension torsion bars, symmetrically arranged on the left and right sides.





Front and Rear Shock Absorber Adjustment



Standard Shock Absorbers

The spring preload can be adjusted to suit the rider's weight and riding conditions.

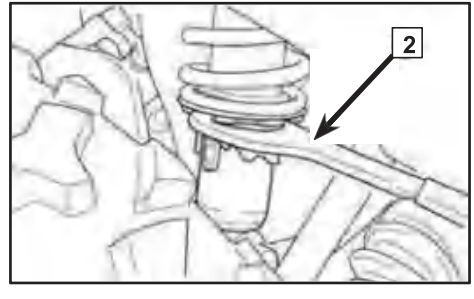
NOTE

When adjusting the rear shock absorbers, the rear wheels must be r

Follow the steps below to adjust the spring preload.

Use dedicated tools 2, Rotate gear 1 towards direction A to reduce spring preload.

Use dedicated tools 2, Rotate gear 1 towards direction B to increase spring preload.



Standard preload position: B
A - Minimum (Soft)
E - Maximum (Hard)

NOTE:
Shock absorbers on both sides must always be set identically.

Wheels

Tire Pressure

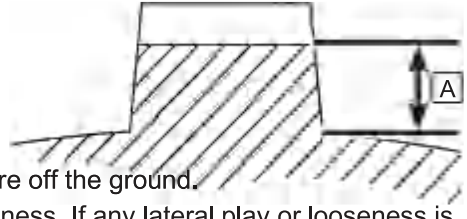
Check tire pressure with a tire pressure gauge before operating t

Front: 26x9-14 all-terrain tire: 36 PSI (250 kPa)

Rear: 26x11-14 all-terrain tire: 36 PSI (250 kPa)

Tire Tread Depth

Regularly inspect tread depth. If the depth is less than the minimum value (A), replace the tire: Minimum tread depth: 1/8 in. (3.0 mm)



Wheel Bearings

- Lift the vehicle and safely support it under the frame so the tires are off the ground.
- Push and pull the outside of the tire to feel for lateral play or looseness. If any lateral play or looseness is detected, contact the dealer.

Wheel Replacement

Removal

Place the vehicle on a flat surface;
Raise the vehicle using a suitable support stand;
Use a tool to pry open and remove the wheel rim cover (1);
NOTE: Use proper protection on the tool to avoid damaging the rim finish.
Remove wheel nuts (2);

Remove the wheel;

Installation: Place the wheel correctly onto the mounting bracket and hand tighten the wheel nuts;

Tighten the wheel nuts;

Specified torque: 51-59 ft-lb (70-80 N·m)

Remove the support stand and lower the vehicle steadily to the ground.

Electrical

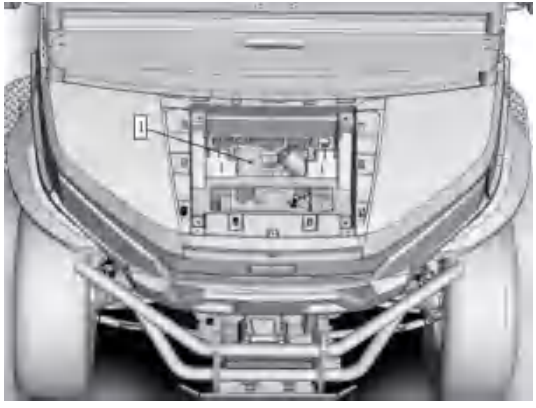
Fuse Box

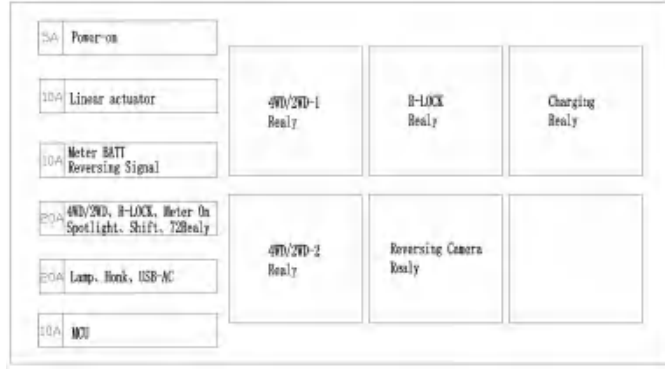
The fuse box 1 is located beneath the front panel. If a fuse blows, turn off the main switch and install a new fuse with the specified amperage rating. Turn on the main switch; if the fuse blows immediately, contact your dealer.

Electronic relays facilitate the operation of various vehicle system functions. The relays are integrated in the fuse box. To replace relays or perform diagnostics, contact your dealer.

⚠ WARNING

To prevent accidental short circuits, turn off the power battery self-locking switch before inspection or fuse replacement. Always use fuses with the correct specified rating. Never use conductive materials as a substitute for the correct fuse. An incorrect fuse may cause electrical system damage and may result in a fire.





Seatbelt

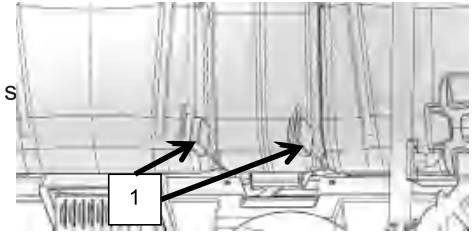
Check all seat belts are operating properly before each

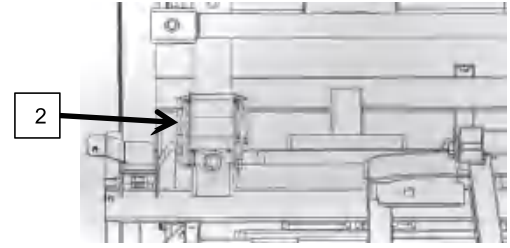
1. Insert the seatbelt tongue into the buckle until you hear a click. The tongue must slide smoothly into the buckle. The click confirms that it is securely locked.

2. Press the red release button in the center of the buckle to ensure s

3. Pull each seatbelt fully out and inspect the entire length for damage, including cuts, wear, or stiffness. If any damage is found or the seatbelt does not operate properly, the entire seatbelt system should be inspected or replaced by the dealer or qualified personnel.

4. Clean dirt or debris from the seatbelt by washing it with mild soap and water. Do not use bleach, dyes, or household detergents. Rinse the entire length of the belt. Periodically flush the buckle (1) and retractor (2) housing with a garden hose.





Cleaning and Storage

Washing the Vehicle

Keeping the vehicle clean not only improves its appearance but also extends the service life of most vehicle components. Take the following precautions to keep your vehicle as clean as an automobile:

- The best and safest way to clean the vehicle is with a garden hose and a bucket of mild soapy water. Harsh cleaners may cause rubber components to deteriorate.
- Use a professional wash mitt. Wash the upper portion of the vehicle body first, then the lower portion last.
- Pay special attention to the radiator portion of the cooling system and the axle boots. Ensure they are thoroughly cleaned and free of mud and debris.
- Rinse frequently with water and dry the vehicle with a chamois to prevent water spots.
- Lubricate all pivot points immediately after washing.

High-pressure automotive wash systems are not recommended for cleaning the vehicle. High-pressure water may compromise seals and damage decals. If a high-pressure wash system is used, take extra care to prevent damage to decals, wheel bearings, transmission seals, body panels, brakes, warning labels, and the three-electric system (motor, controller, battery). If warning labels or safety labels are damaged, contact your dealer for replacement.

Vehicle Waxing

A non-abrasive automotive wax may be used on your vehicle. Avoid harsh cleaners, as they may scratch the body surface.

⚠ WARNING
Certain products, including insect repellents and other chemicals, may damage plastic surfaces. Exercise caution when using these products near plastic surfaces.

SERVICE

Perform necessary maintenance on the vehicle before storage to prevent malfunctions the next time the vehicle is operated. Inspect Tires

Inspect the tire tread and overall condition. Inflate tires to the specified pressure.

Check Oil and Fluid Levels

Check the following oil and fluid levels, and replace if necessary:

- Front reducer
- Rear reducer
- Brake fluid (replace every two years, or when the brake fluid appears dark or contaminated)

Cleaning and Storage

Lubrication

Inspect all cables and lubricate with cable lubricant according to the product label instructions. Lubricate all vehicle lubrication points with all-season grease.

Storage Area and Covers

Support the vehicle under the frame with a stand so the tires are 30–40 mm (1.2–1.6 in.) off the ground. Ensure the storage area is well-ventilated and cover the machine with an approved cover.

NOTE:

Do not use plastic or coated material covers. These do not provide adequate ventilation to prevent condensation and may promote corrosion and oxidation.

Transporting the Vehicle

When transporting the vehicle, follow these procedures:

- Turn off the vehicle and remove the key to prevent key loss during transport.
- Ensure the power battery is installed correctly and securely.
- Ensure the seat cushion is installed correctly and securely.
- Set the shift knob to Neutral and block the front and rear wheels to prevent vehicle movement.
- During transport, secure the front and rear frame to prevent the vehicle from sliding or shifting.

Vehicle Troubleshooting

This section is intended to guide general users on operational issues that may be caused by simple items. Vehicle troubleshooting may require dealer technician expertise. If the solution does not noticeably improve the problem, contact your dealer.

Common Faults and Solutions

Fault Information	Fault Resolution
MCU Fault	User self-resolution is not recommended. Please contact after-sales customer service.
MCU Over-Temperature Reminder	After parking and cooling down, observe whether the fault clears. If not resolved, contact after-sales customer service.
Motor Fault	User self-resolution is not recommended. Please contact after-sales customer service.
Motor Over-Temperature Reminder	After parking and cooling down, observe whether the fault clears. If not resolved, contact after-sales customer service.
Battery Pack Fault	User self-resolution is not recommended. Please contact after-sales customer service.
Battery Temperature Fault	User self-resolution is not recommended. Please contact after-sales customer service.
Charging Fault	User self-resolution is not recommended. Please contact after-sales customer service.

If your vehicle develops a fault, it is recommended to promptly contact the dealer for timely inspection and repair.

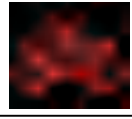
⚠ DANGER

Do not attempt to repair electric vehicle faults by yourself. This may cause safety hazards or accidents. Users who handle faults independently bear sole responsibility for any resulting accidents.

Vehicle Troubleshooting

Fault Indicator Lights

When a powertrain fault occurs, the fault indicator light will illuminate on the multimedia display. When the indicator light is on, contact the dealer. Under normal operating conditions, the fault indicator light is off.

Multimedia Main Page Indicator Lights	Fault Level	Classification	Power Limitation
	Level 1	Severe Fault	Full restriction, no power output
	Level 2	Normal Fault	Partial restriction, half power output
	Level 3	Warning Fault	No restriction, warning only

Motor Controller (MCU) Fault Information and Diagnostics

Fault Level	Fault Code	Fault Name	Solution
Level 1	0xC9(201)	MCU Overcurrent	Power off and restart. If unresolved, contact the dealer.
	0xCA(202)	MCU Over-Temperature	Power off and restart. If unresolved, contact the dealer.
	0xCB(203)	MCU Overvoltage	Power off and restart. If unresolved, contact the dealer.
	0xCC(204)	MCU Undervoltage	Power off and restart. If unresolved, contact the dealer.
	0xCD(205)	Motor Over-Temperature	Power off and restart. If unresolved, contact the dealer.
	0xCE(206)	Current Sensor Fault	Power off and restart. If unresolved, contact the dealer.
	0xCF(207)	MCU Temperature Sensor Fault	Power off and restart. If unresolved, contact the dealer.
	0xD0(208)	Stall	Power off and restart. If unresolved, contact the dealer.
	0xD1(209)	Overspeed	Power off and restart. If unresolved, contact the dealer.
	0xD2(210)	Pedal Fault	Power off and restart. If unresolved, contact the dealer.
	0xD3(211)	Resolver Fault	Power off and restart. If unresolved, contact the dealer.
	0xD4(212)	Motor Temperature Sensor	Power off and restart. If unresolved, contact the dealer.
Level 2	0x66(102)	MCU Overcurrent Warning	Power off and restart. If unresolved, contact the dealer.
	0x67(103)	MCU Over-Temperature Warning	Power off and restart. If unresolved, contact the dealer.
	0x68(104)	MCU Overvoltage Warning	Power off and restart. If unresolved, contact the dealer.
	0x69(105)	MCU Undervoltage Warning	Power off and restart. If unresolved, contact the dealer.
	0x6A(106)	Motor Over-Temperature Warning	Power off and restart. If unresolved, contact the dealer.
	0x6B(107)	Overspeed Warning	Power off and restart. If unresolved, contact the dealer.
Level 3	0x65(101)	EEPROM Storage Fault	Power off and restart. If unresolved, contact the dealer.

When the above MCU faults are present, contact the dealer for consultation.

Vehicle Troubleshooting

Electronic Power Steering (EPS) Fault Information and Diagnostics

Fault Level	Fault Code	Fault Name	Solution
Level 2	0x11（17）	Primary Torque Sensor Signal Out of Range	Power off and restart. If unresolved, contact the dealer.
	0x12（18）	Secondary Torque Sensor Signal Out of Range	Power off and restart. If unresolved, contact the dealer.
	0x13（19）	Primary/Secondary Torque Signal Difference Too Large	Power off and restart. If unresolved, contact the dealer.
	0x15（21）	Torque Sensor Wire Break	Power off and restart. If unresolved, contact the dealer.
	0x33（51）	Overcurrent	Power off and restart. If unresolved, contact the dealer.
	0x34（52）	Drive Circuit Abnormal / Assist Abnormal	Power off and restart. If unresolved, contact the dealer.
	0x35（53）	Current Zero-Point Drift Too Large	Power off and restart. If unresolved, contact the dealer.
	0x36（54）	Motor Wire Break	Power off and restart. If unresolved, contact the dealer.
	0x54（84）	EEPROM Read/Write Fault	Power off and restart. If unresolved, contact the dealer.

Vehicle Troubleshooting

Electronic Power Steering (EPS) Fault Diagnosis and Solutions

Steering Loss of Assist	1. Wiring connector poor contact or disconnected 2. Fuse blown 3. Controller, motor, or sensor damaged	1. Check that connectors and pins are fully engaged 2. Replace fuse (35A) 3. Contact the dealer
Uneven Left/Right Steering Assist	1. Output voltage midpoint has deviation 2. Controller, motor, or sensor damaged	1. Contact the dealer 2. Contact the dealer
System is on, steering wheel oscillates left and right	1. Motor installed in reverse 2. Controller or sensor damaged	1. Contact the dealer 2. Contact the dealer
Heavy Steering	1. Tire (front) pressure insufficient 2. Motor damaged (reduced power)	1. Inflate tire 2. Contact the dealer
System Has Noise	1. Motor damaged 2. Lower steering shaft assembly clearance or mechanical steering assembly clearance is excessive 3. Lower steering shaft assembly or mechanical steering assembly is loosely installed	1. Contact the dealer 2. Contact the dealer 3. Contact the dealer

Vehicle Troubleshooting

Power Battery Fault Information and Diagnostics

Fault Level	Fault Code	Fault Name	Solution
Level 1	0x01（01）	Discharge Temperature Severely High	Stop use, wait for cooling
	0x03（03）	Discharge Total Voltage Severely Low	Recharge promptly
	0x04（04）	Severe Discharge Overcurrent	Power off and restart. If unresolved, contact the dealer.
	0x06（06）	Discharge Cell Voltage Severely Low	Recharge promptly
	0x07（07）	Insulation Resistance Too Low	Power off and restart. If unresolved, contact the dealer.
Level 2	0x15(21)	Discharge Temperature Moderately High	Stop use, wait for cooling
	0x16(22)	Discharge Temperature Moderately Low	Stop use, wait for temperature recovery
	0x18(24)	Discharge Cell Voltage Moderately Low	Recharge promptly
	0x19(25)	Discharge Current Overcurrent	Power off and restart. If unresolved, contact the dealer.
	0x1A(26)	BMS Internal Communication Fault	Power off and restart. If unresolved, contact the dealer.
	0x1B(27)	Too Low	Recharge promptly
	0x1C(28)	Battery Voltage Differential Too Large	Power off and restart. If unresolved, contact the dealer.
	0x1D(29)	Battery Temperature Differential Too Large	Power off and restart. If unresolved, contact the dealer.
Level 3	0x3D(61)	State of Charge (SOC) Low	Recharge promptly
	0x3E(62)	Battery SOC Voltage Differential Large	Power off and restart. If unresolved, contact the dealer.
	0x3F(63)	Battery Temperature Differential Large	Power off and restart. If unresolved, contact the dealer.