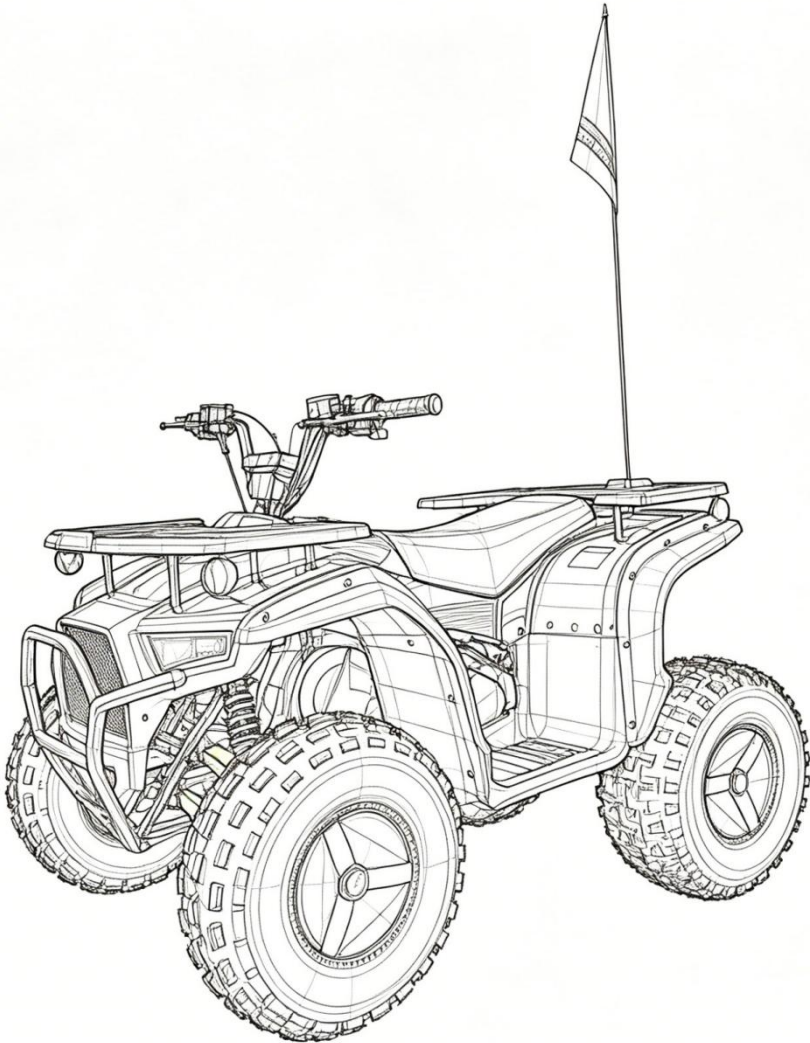


Owner's Manual



Model: FR20DATV-UT

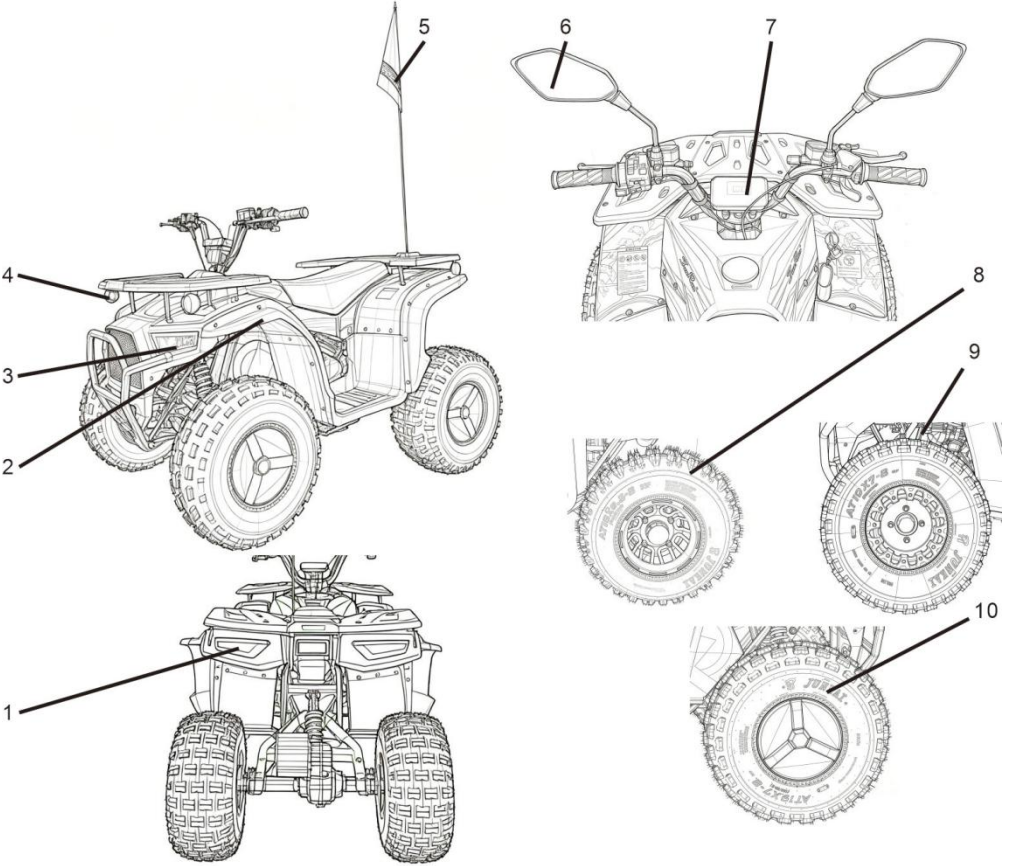
Provincial and municipal governments have different regulations regarding the ownership and use of off-road vehicles. Please learn about the relevant regulations in your area.

The actual product may differ from the image shown on the cover of this manual. Some components shown on the cover are optional equipment. If you have not purchased the corresponding optional items, configuration differences between the actual product and the cover image are normal.

Optional components of this product are as follows:

- Optional Component 1: Taillight
- Optional Component 2: Headlight
- Optional Component 3: Fender Flare
- Optional Component 4: Reflector
- Optional Component 5: Flag Pole

- Optional Component 6: Rearview Mirror
- Optional Component 7: Instrument
- Optional Component 8: Aluminum Wheel
- Optional Component 9: Classic Wheel Cover
- Optional Component 10: Premium Wheel Cover





WARNING

This vehicle must be assembled and prepared in strict accordance with the assembly instructions included with the vehicle.

Introduction Thank you for purchasing our product. This vehicle is engineered for long-term reliable performance and family recreational use. This manual will help you fully understand all features and operational instructions of the vehicle. This manual contains critical safety information, as well as guidance on riding techniques, maintenance and inspection procedures.

Important Notice for Parents:

WARNING

This vehicle is intended for operators aged 10 years and older. It is not a toy. Before operating this vehicle, you should fully understand the instructions and warnings in this User Manual. Riders have different skills, physical abilities and judgment, so even some adults may not be able to operate this vehicle safely.

This vehicle is equipped with multiple safety features, including an adjustable speed limiter. We recommend that all beginners start with the slowest setting. As beginners become more familiar with operating the vehicle, the speed adjustment screw can be adjusted gradually.

Important Manual Information

WARNING

Failure to follow the warnings in this manual may result in serious injury or death.

This manual uses the following symbols to distinguish important information:



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Comply with all safety information following this symbol to avoid possible injury or death.



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



"NOTICE" indicates special precautions that must be taken to avoid damage to the vehicle or other property.



"TIP" provides key information to make operation procedures easier or clearer.

Product and specifications are subject to change without notice.

Important Notice



This model is designed and manufactured exclusively for off-road use. Operating this vehicle on any public street, road or highway is illegal and unsafe.



This model complies with all applicable off-road noise level and spark arrester laws and regulations. Before operating this vehicle, please check your local riding laws and regulations.



Persons under 10 years of age are prohibited from operating this vehicle.

Warnings and Safety Labels Please read and understand all labels affixed to this vehicle. These labels contain important information for safe and proper operation. Never remove any labels from the vehicle. If a label becomes illegible or detached, contact your local authorized dealer service center to obtain a replacement.

**WARNING
AVERTISSEMENT**



Operating this ATV if you are under the age of 10 increases your chance of severe injury or death.

Never operate this ATV if you are under the age of 10

**WARNING
AVERTISSEMENT**



NEVER ride as a passenger.

Passengers can cause a loss of control resulting in SEVERE INJURY or DEATH

**WARNING
AVERTISSEMENT**



ALWAYS USE AN APPROVED HELMET AND PROTECTIVE GEAR

NEVER USE ON PUBLIC ROADS

NEVER CARRY PASSENGERS

NEVER USE WITH DRUGS OR ALCOHOL

NEVER Operate:

- without proper training or instruction
- at speeds to fast for your skills or the conditions
- on public roads - a collision can occur with another vehicle
- with a passenger - passengers affect balance and steering and increase the risk of losing control

ALWAYS:

- use proper riding techniques to avoid vehicle overturns on hills and rough terrain and in turns
- avoid paved surfaces - pavement may seriously affect handling and control

Training courses to teach ATV riding are available. For information contact your dealer.



WARNING AVERTISSEMENT

Improper tire pressure or overloading can cause loss of control.
Loss of control can result in severe injury or death.

OPERATING TIRE PRESSURE:

Recommended: Front: 10psi (69kpa)
Rear: 10psi (69kpa)
Maximum: Front: 24psi (165.5kpa)
Rear: 24psi (165.5kpa)

Never set tire pressure below 5psi. (34.5kpa) It could cause the tire to dislodge from the rim.

LOADING:

Maximum vehicle load: 150 lbs. (68kg)
Includes weight of operator, cargo and accessories



WARNING AVERTISSEMENT

THIS VEHICLE CONFORMS TO ALL APPLICABLE STANDARDS
PRESCRIBED UNDER THE CANADIAN MOTOR VEHICLE
SAFETY REGULATIONS IN EFFECT ON THE DATE OF
MANUFACTURE

**This is a restricted-use all-terrain vehicle and
is not intended for use on public highways**

Table of Contents

Safety Information	1	Pre-Ride Safety Check	17
Transportation	2	Getting to Know Your ATV	22
Description	3	Safe Riding Gear	24
Control Layout	4	During Riding	25
Instrument	5	Operating Your ATV	27
Remote Key	6	Accelerating Your ATV	29
Speed Limiter	7	Specification Sheet	33
Parking Brake	8	Maintenance	34
Seat	9	Inspecting Wheel Bearings	37
Battery	10	Adjusting Steering Toe-In	38
Battery Charging	12	Vehicle Washing	39
Fuse Replacement	15	Vehicle Identification Location ...	39
Emergency Kill Switch	16		

Safety Information

This vehicle is not a toy and may pose hazards during operation.

Please ensure that you fully understand all instructions.

Pay close attention to all warning and caution labels on the vehicle.

Never operate this vehicle without proper training and guidance.

Certain individuals may not be able to safely operate this vehicle due to physical or mental limitations.

The product you purchased may differ slightly from the illustrations shown in this owner's manual.

NOTICE

For any issues not covered in this manual, please contact us.



This vehicle is for off-road use only. It is strictly prohibited to drive on any paved surfaces (sidewalks, driveways, parking lots, streets), public streets, roads, highways, and even dirt roads and gravel roads are also prohibited.

Operators must wear a compliant certified ATV/motorcycle-specific helmet when operating the vehicle. It is also recommended to wear goggles/face shield, gloves, protective boots, long-sleeve top and long pants.

Alcohol, drugs, or mind-altering medication are prohibited before and during operation.

Do not ride on steep slopes that exceed the vehicle's performance and your operating ability. Start climbing practice on gentle, small slopes, and never attempt steep slopes hastily.

Illegal modification of the vehicle is strictly prohibited. Do not install or use non-compliant accessories without authorization.

Do not attempt wheelies, jumps, or any other dangerous stunts.

Always complete a vehicle inspection before every ride, and strictly follow the maintenance schedule and operating procedures in this manual.

Always keep both hands firmly on the handlebars and both feet on the footpegs during operation, and maintain a standard operating posture.

Turn in accordance with the requirements in this manual; start turning practice at low speed, and high-speed turning is strictly prohibited.

Vehicle start operation may only be performed by an adult. Minors are prohibited from performing this operation.

Minors are strictly prohibited from riding this vehicle without continuous adult supervision.

Transportation

WARNING

Ensure the power is completely disconnected! Before transportation, turn off the main power switch and disconnect the battery connector. Unexpected motor start during transportation may cause accidental movement, resulting in personal injury or equipment damage.

Secure the vehicle firmly. When transporting the vehicle in a truck, trailer or van, use heavy-duty straps or tie-downs to secure the vehicle to frame points. Avoid securing to the handlebars, suspension components or battery case to prevent damage.

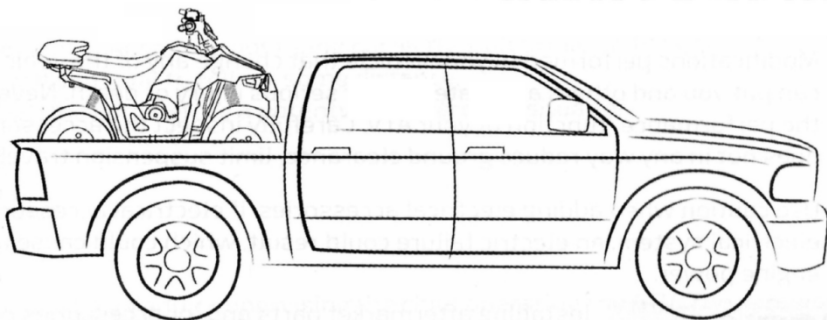
Keep the vehicle upright. Always transport the vehicle in an upright position. Tilting or laying it on its side may damage the battery, motor or electrical system, and may cause internal components to leak fluid.

Protect the battery from damage. During transportation, avoid exposing the battery to extreme temperatures (below -10°C/14°F or above 50°C/122°F). Do not subject the vehicle to severe impact, compression or puncture, as this may cause battery short circuit or thermal runaway.

Do not charge during transportation. Never attempt to charge the battery while transporting the vehicle. Charging in a moving vehicle or enclosed space increases the risk of fire and electrical hazards.

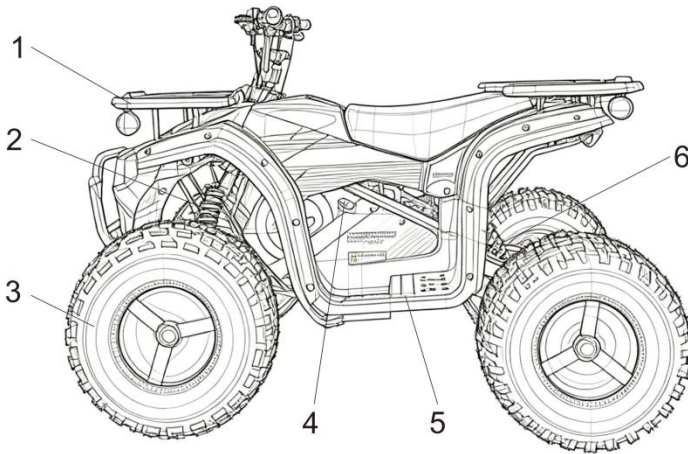
Inspection before transportation. Check that all electrical connections are tight. Ensure the battery cover is properly secured to prevent dust, debris or moisture from entering the electrical system.

Do not make modifications before transportation. Before transporting the vehicle, do not alter the battery, wiring or motor components. Unauthorized modifications can compromise safety and void your warranty.



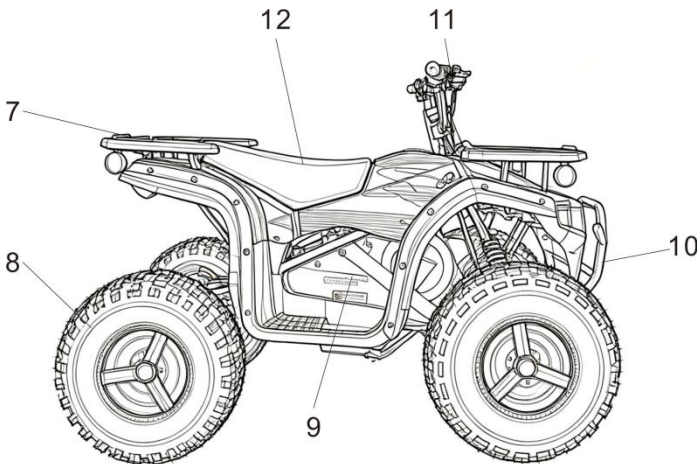
Description

Left Side



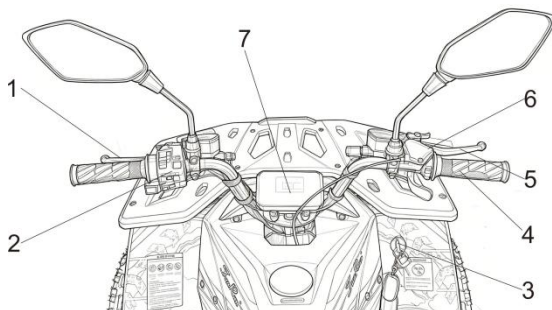
- 1 Front Rack
- 2 Front Shock Absorber
- 3 Front Wheel
- 4 Footpeg
- 5 Charging Port
- 6 Rear Shock Absorber

Right Side



- 7 Rear Rack
- 8 Rear Wheel
- 9 Battery
- 10 Front Bumper
- 11 Handlebar
- 12 Seat Cushion

Control Layout



- 1 Rear Brake Lever
- 2 Combination Switch
- 3 Ignition Switch
- 4 Throttle Grip
- 5 Front Brake Lever
- 6 Speed Limiter Screw
- 7 Instrument Gauge

Ignition Switch

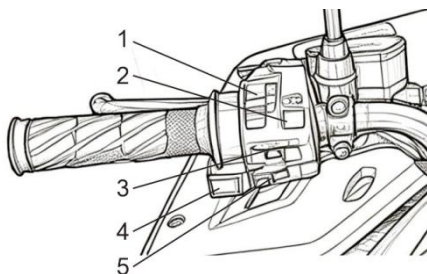
The ignition switch is located on the right side of the vehicle, below the handlebar.

ON: All electrical systems are powered, and the vehicle can be started. The key cannot be removed.

OFF: All electrical systems are turned off. The key can be removed.

Handlebar Combination Switch

This product is equipped with a multifunctional handlebar combination switch, including start switch, headlight switch, kill switch, turn signal switch, and horn switch.



- 1 Horn Switch
- 2 Turn Signal Switch
- 3 Headlight Switch
- 4 Kill Switch
- 5 Reverse Switch

Kill Switch

In an emergency, use this switch to stop the motor. When this switch is in the "⊗" position, the motor cannot be started.

Before starting the vehicle, set this switch to the "⊙" position.

Headlight Switch

The headlight is a custom optional component, and your ATV may not be equipped with it; The headlight features daytime running light, high beam and low beam functions.

Daytime running light: When the ignition switch is turned to the "ON" position, the daytime running light will illuminate.

Low beam: When the ignition switch is turned to the "ON" position and the headlight switch is set to the "⊞D" position, the low beam will illuminate.

High beam: When the ignition switch is turned to the "ON" position and the headlight switch is set to the "⊞D" position, the high beam will illuminate.

Turn Signal Switch

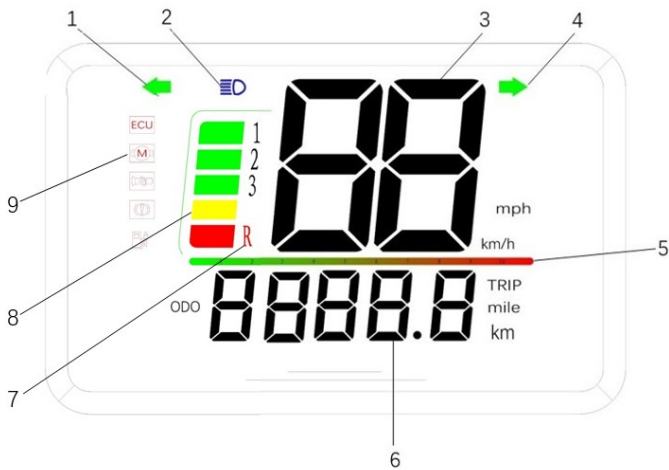
Toggle the turn signal switch to the left, and the left turn signal will illuminate;

Toggle the turn signal switch to the right, and the right turn signal will illuminate;

Press the turn signal switch lightly to turn off the turn signals.

Instrument

This is a custom optional component, and your vehicle may not be equipped with it. The instrument panel displays important information about the vehicle. Before riding the vehicle, ensure the rider is familiar with all information displayed on the instrument panel.



Instrument Panel Icons:

- 1. Left Turn Indicator
- 2. Headlight Indicator
- 3. Speedometer
- 4. Right Turn Indicator
- 5. Motor Temperature Gauge

NOTICE

The left side of the temperature gauge is low temperature, and the right side is high temperature. When the temperature is too high, stop immediately and wait for the motor to cool. Failure to do so will result in motor damage.

6. Odometer

The odometer has two functions: total mileage and trip mileage.
I Total mileage: When the key is turned on to power up, the instrument enters self-check mode, the odeter first displays the vehicle's total cumulative mileage for 2 seconds; then it automatically resets to zero and switches to the trip mileage interface.
I Trip mileage: Records the distance traveled for the current ride (from turning the key on to power up to turning the ignition off). Each time the vehicle is turned off and restarted, the trip mileage automatically resets to zero and starts counting again.

7. Gear Indicator

- "1" represents Low Gear
- "2" represents Medium Gear
- "3" represents High Gear
- "R" represents Reverse Gear

For the maximum speed limit of each gear, please see page 4.

Instrument

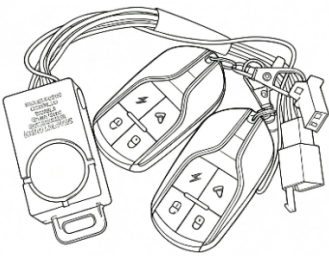
8. Battery Level Gauge

Display Status	Remaining Power	Remarks
All 5 power indicator lights are on	100%	Fully charged (no charging required)
4 power indicator lights are on	60%	
3 power indicator lights are on	45%	
2 power indicator lights are on	30%	Charge promptly
1 power indicator light is on	15%	Charge promptly

Remote Key

The wireless motor kill function is specifically designed for guardians to control the safety of children riding ATVs. The standard effective remote control distance of this wireless kill device is 50 feet. When outside the effective remote control range, the vehicle cannot be remotely shut down.

- 1 After starting the vehicle, walk to a distance of 50 feet, press the kill button on the remote control, and normally the vehicle should stop immediately. If the vehicle does not stop, reduce the distance between you and the vehicle, and ensure there are no obstacles such as walls or trees between you.
- 2 Before using the wireless kill function, please confirm that the remote control is fitted with a new battery and has sufficient power. Low or dead battery will directly cause the remote kill function to fail and become unusable.
- 3 Vehicle operators are strictly prohibited from using the wireless kill remote control as a long-term daily replacement for the vehicle's original standard kill switch.



Speed Limiter



This model is equipped with a speed limiter adjustment screw. New riders should start with the lowest speed setting to learn how to control the vehicle. Once the operator demonstrates proficient control of the vehicle, the supervising adult can adjust the speed limiter screw to increase the maximum speed. Even when the throttle lever is pushed to the maximum position, the speed limiter prevents the throttle from opening fully. As beginners become more familiar with operating the vehicle, the adjustment screw can be gradually turned out.

NOTICE

The adjustable speed limiter screw must be installed for operation. Failure to install the speed limiter screw may allow water or dust to enter, and may cause damage to the vehicle.

Speed Limiter Adjustment

WARNING

Adults must always set the maximum speed limit within the operator's ability and range to operate this vehicle safely. Never allow children to adjust the speed limiter screw.

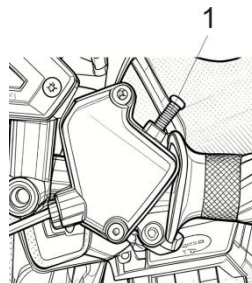
1. Adjustment Screw
2. Lock Nut

Increase Maximum Speed

1. Loosen the lock nut (#2).
2. To increase the maximum speed of the vehicle, turn the adjustment screw counterclockwise.
3. Tighten the lock nut to hold the adjustment screw (#1) in the desired position.

Decrease Maximum Speed

1. Loosen the lock nut (#2).
2. To decrease the maximum speed of the vehicle, turn the adjustment screw clockwise.
3. Tighten the lock nut to fix the adjustment screw (#1) in the desired position.



Front Brake

The front brake lever is located on the right side of the handlebar. To brake, squeeze the brake lever toward the handlebar grip.

Rear Brake

The rear brake lever is located on the left side of the handlebar. To brake, squeeze the brake lever toward the handlebar grip.

Parking Brake

Before starting the vehicle and after parking (especially on sloped areas), you must use the parking brake. This model is equipped with front and rear parking brake devices.

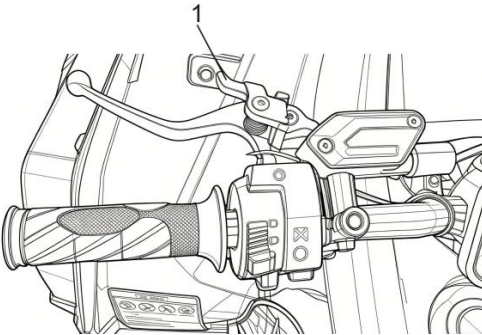
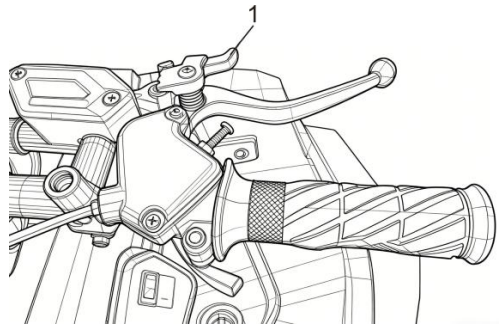
To engage the parking brake: First squeeze the front brake lever, then toggle the parking brake lever and lift it up, then release the front brake lever.

To release the parking brake: Squeeze the front brake lever, the spring-loaded parking brake lever will automatically return to the off position, then release the front brake lever.

WARNING

You must engage the parking brake before starting the vehicle. If the parking brake is not engaged, the vehicle may move unexpectedly, causing loss of control or a collision.

Before starting riding, always confirm that the parking brake is fully released. Driving without releasing the parking brake will cause the brake to overheat, leading to loss of vehicle control and an accident.



1. Parking Detent Lever

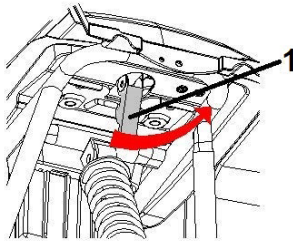
Seat

Removing the Seat

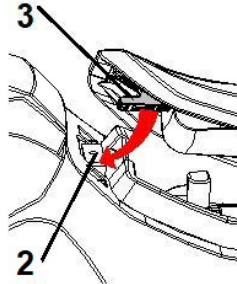
To remove the seat, pull the seat lock lever (#1) rearward, then lift up the seat. The seat lock is located beneath the rear seat of the vehicle.

Installing the Seat

Insert the pin (#3) on the front of the seat into the seat retainer (#2), then press down on the rear section of the seat. Ensure the seat is securely fastened and will not shift during operation.



- 1. Seat Lock Lever
- 2. Frame
- 3. Seat Tang



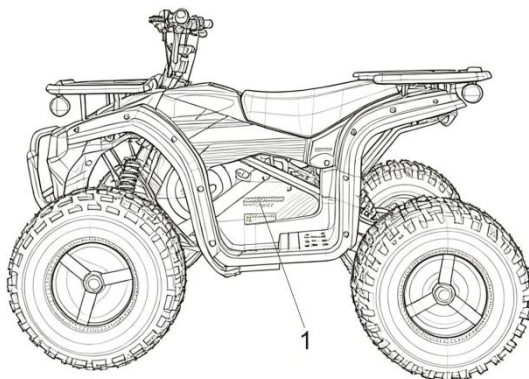
Battery

Battery Removal

1. Before removing the battery, be sure to turn off the vehicle's ignition switch (key switch) and main air switch, to cut off power to the entire vehicle and avoid the risk of short circuit and electric shock.
2. Open the vehicle seat cushion, and confirm again that the air switch is off, to ensure power is cut off.
3. Remove the left side body panel, take off the dust cover on top of the battery, to fully expose the battery installation area.
4. This vehicle is equipped with a lead-acid battery pack, consisting of 5 individual cells. Remove the connecting wires between each individual cell one by one.
5. Remove the fasteners from the fixing bracket above the battery, and take off the fixing bracket.
6. Take out the 5 individual batteries one by one in order to complete the removal procedure.

Battery Installation

1. Before installation, confirm that all 5 individual lead-acid batteries are intact, with no damage or looseness. It is recommended to wear insulating gloves for this operation.
2. Place the 5 individual batteries into the battery installation area one by one, ensure the batteries are arranged neatly, fit properly in position, and are not loose or shifted.
3. Install the fixing bracket above the battery, align the mounting holes, and tighten the fasteners of the fixing bracket. Ensure the bracket firmly locks the battery to prevent the battery from shifting while the vehicle is in motion.
4. Connect the connecting wires between each individual battery in order. Ensure the connections are tight and the positive and negative terminals are correctly matched (do not reverse the connections, to avoid short circuit damaging the battery and vehicle circuit).
5. Install the dust cover on top of the battery and the left side body panel.
6. Open the vehicle seat cushion, toggle the main air switch to the "ON" position, to prepare for powering on.
7. Turn on the vehicle's ignition switch (key switch), check if the vehicle circuit is normal, confirm the battery is installed correctly and supplies power normally, to complete the battery installation procedure.



1. Battery

Battery

NOTICE

Please note that your model may not be equipped with a standard lead-acid battery, but may instead be fitted with a lithium-ion battery configuration. Lithium-ion battery is an optional accessory for this model, and its overall removal and installation procedures are roughly the same as for lead-acid batteries. You can refer to the corresponding removal and installation steps for lead-acid batteries.

Due to the inherent characteristics of lithium-ion batteries, please pay extra attention to the following points during operation to avoid battery damage or safety hazards:

1. Lithium-ion batteries are lighter than lead-acid batteries. Handle them with care when removing and installing. Do not drop, impact, or squeeze the battery body, to prevent the battery casing from cracking and internal cells from being damaged, which can cause leakage, short circuit, and other problems.
2. When connecting wires, ensure the connectors are fully inserted and not loose, to avoid overheating and power loss caused by poor contact.
3. Before removal and installation, you must also strictly turn off the vehicle's ignition switch and main air switch, cut off power to the entire vehicle. During operation, avoid metal tools from contacting both the positive and negative terminals of the battery at the same time, to prevent short circuit.
4. Lithium-ion batteries must be stored properly. After installation, check that the battery is firmly secured to prevent shifting while the vehicle is in motion. If the vehicle will not be used for a long time, check the lithium-ion battery charge regularly to avoid excessive discharge that reduces battery life.

If you are unsure what type of battery your vehicle is equipped with, check the marking on the battery body or consult your dealer, then follow the corresponding steps for operation.

WARNING

Battery electrolyte is toxic and hazardous. The contained sulfuric acid can cause severe chemical burns. Avoid contact with skin, eyes and clothing. Always wear eye protection

when working near the battery.

External contact: Flush the affected area with water.

Internal ingestion: Seek immediate medical attention.

Eye contact: Rinse eyes continuously with water for 15 minutes and obtain prompt medical treatment.

Batteries produce explosive gases. Keep away from sparks, flames, cigarettes and all other ignition sources. Ensure adequate ventilation when charging or operating in enclosed spaces.

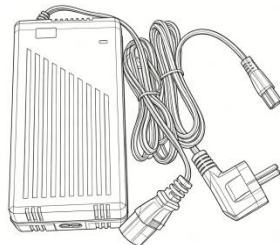
Store out of reach of children.

Battery Charging

NOTICE

This model comes with a dedicated charger. Note that chargers for lead-acid batteries and lithium-ion batteries are different. Using the wrong charger may result in the battery being unable to charge, undercharged, or damaged.

1. Before charging, confirm that the ATV has the parking function engaged.
2. Always turn off the vehicle's main power before charging.
3. Use only the original recommended charger supplied with the vehicle. Using an incompatible charger will result in inability to charge or burnout of electrical components. Mixing different types of batteries is prohibited.
4. Charging operation may only be performed by an adult.
5. Do not use the charger near flammable materials.
6. Indoor charging is prohibited to prevent fire.
7. After the vehicle is fully charged, promptly unplug the charger plug and disconnect it from the vehicle to ensure the safety of charging equipment.
8. The charger is not waterproof. Using it in a humid environment is strictly prohibited, as this can easily cause safety accidents.



WARNING

Note: Master the correct charging time — during use, accurately estimate charging time based on actual conditions, with reference to normal usage frequency and mileage traveled. If the battery is lightly discharged (short mileage after charging), it will become fully charged quickly, and continuing to charge will cause overcharging, leading to battery overheating and reduced battery life. Therefore, it is best to charge the battery when the

depth of discharge reaches 60% - 70%. This can be converted to riding mileage in practical use. Charge as necessary based on actual conditions to avoid harmful charging. Never store the battery in a discharged state. Discharged state means the battery was not charged in time after use. When the battery is undercharged, sulfation easily occurs. Lead sulfate crystals attach to the electrode plates, blocking the ion channel, leading to insufficient charging and reduced battery capacity. The longer the battery is left unused in a discharged state, the more severe the battery damage. Therefore, when the battery is left unused, charge it once a month to better maintain battery health.

NOTICE

Do not overcharge. When the indicator changes from red to green, it indicates the battery is fully charged. At this time, stop charging promptly to avoid reduced battery performance caused by overcharging. If you notice the battery swelling or bubbling, disconnect the battery charger immediately. Never use a car battery or another vehicle to jump start this ATV.

Do not use a car battery or any other vehicle to jump start this model.

Battery Charging

Charging Characteristics of Lead-Acid Battery Charger (Marking: 60V 3A)

No.	Operating Status	Parameter Specification	Indicator Status
1	No Load	66.5-68.0V	Status indicator is steady green
2	Maximum Charging Voltage	71.5-72.5V	Status indicator is steady green
3	Battery Pack Over-Discharged	Battery voltage less than 34V, pulse charging mode; 0-500mA	Status indicator is steady red
4	CC Charging	$36V \leq \text{Battery Voltage} \leq 70V$	CC=3±0.2A, status indicator is steady red
5	CV Charging Termination	During the constant voltage charging phase, when the current drops to 500±100 mA, the indicator turns steady green; charging continues	Status indicator is steady red
		When charging time exceeds the charger timer of 13 hours, charging is shut off;	Status indicator is steady green
6	Charging Temperature Protection		Status indicator flashes red

7	Output Short Circuit Protection	Output shut off	Short circuit: Alternating red and green flashing
8	Reset	1. Fault reset 2. Charging complete reset	Unplug and reinsert the AC plug or unplug and reinsert the DC plug

Battery Charging

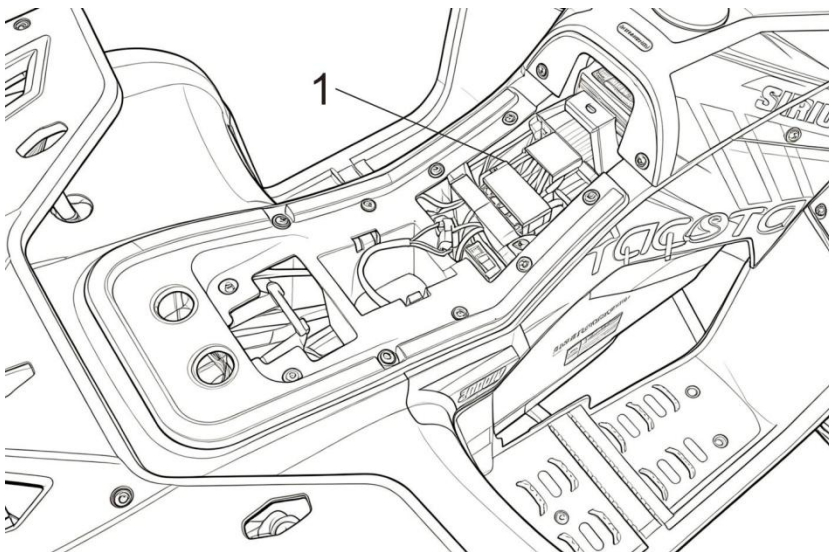
Charging Characteristics of Lithium Iron Phosphate Battery Charger (Marking: 69.3V 5A)			
No.	Operating Status	Parameter Specification	Indicator Status
1	No Load	68-69.5V	Status indicator is steady green
2	Maximum Charging Voltage	68-69.5V	Status indicator is steady green
3	Battery Pack Over-Discharged	Battery voltage less than 42V, charging at 3000mA	Status indicator is steady red
4	CC Charging	42V ≤ Battery Voltage ≤ 49V	CC=5± 0.5A, status indicator is steady red
		49V ≤ Battery Voltage ≤ 64V	CC=5± 0.5A, status indicator is steady red

5	CC Charging Termination	During the constant voltage charging phase, when the current drops to 1000±200 mA, the indicator turns steady green; charging continues.	Status indicator changes from steady red to steady green
		When charging time exceeds the charger timer of 13 hours, charging is shut off;	Status indicator changes from steady red to steady green
6	Charging Temperature Protection	When the charger temperature reaches 95°C, the output current drops to 5A; when the temperature rises to 101°C, the current drops to 4.4A; when the temperature reaches 107°C, the current drops to 3.8A; when the temperature reaches 113°C, the current drops to 3.2A; when the temperature reaches 119°C, the current drops to 2.6A	Status indicator flashes green at 1.5Hz
		When the internal temperature of the charger reaches 125°C, the current is 0.8A	Status indicator flashes red
7	Output Short Circuit Protection	Output shut off	Short circuit: Alternating red and green flashing.
8	NTC Open Circuit	When NTC is open circuit, the charging current is 0.8A	Alternating red and green flashing.
9	Reset	1. Fault reset 2. Charging complete reset	Unplug and reinsert the AC plug or unplug and reinsert the DC plug

Fuse Replacement

The fuse box is located near the battery under the seat cushion.

1. Turn the ignition key to the "OFF" position.
2. Remove the fuse, check if it is burned out or has other faults, then replace it with a new fuse of the specified amperage.
3. Turn the ignition key to the "ON" position, check if all devices operate normally.
4. Reinstall the seat.
5. If the fuse blows repeatedly, contact your authorized local dealer service center for electrical inspection and repair.



1. Fuse

WARNING

Always use a fuse of the specified rating. Never use any substitute fuse or a fuse with a higher amperage rating than the original. Any incorrect or substitute fuse can cause electrical damage or fire, and will void your vehicle's warranty.

Emergency Kill Switch

This is a custom optional component, and your vehicle may not be equipped with it. Refer to the actual configuration of your vehicle for details.

The emergency kill switch is operated by pulling the lanyard connected to the switch. A supervising adult can use this switch to quickly stop the vehicle at close range to ensure riding safety. During minor riding, the supervisor must use this switch at all times until the rider has fully mastered safe driving skills.

The switch consists of a rubber kill cap and a plastic base. The specific usage specifications are as follows:

1. When the rubber kill cap is installed correctly, the vehicle can start and operate normally; if the rubber kill cap is removed, the vehicle cannot start, ensuring operating safety.
2. When the vehicle is in operation, pulling the lanyard to remove the rubber kill cap

immediately cuts off vehicle power to achieve a quick stop.

Emergency Stop Switch Instructions

1. Fit the rubber kill cap securely onto the kill switch base, ensure it is installed firmly to prevent it from falling off;
2. The supervisor should fix one end of the lanyard to the vehicle, and tie the other end to their own hand, to move with the vehicle;
3. If abnormal vehicle operation, dangerous riding, or violation of operating rules is observed, pull the lanyard forcefully to separate the rubber kill cap from the base, the motor will immediately stop running, completing emergency kill.

WARNING

After the emergency kill switch is triggered, the vehicle will stop immediately, but the vehicle will continue to coast for a distance due to inertia. Please anticipate the coasting risk in advance and operate appropriately;

WARNING

Always put your finger through the lanyard loop to prevent the lanyard from falling off and the function from failing, to ensure the kill function can be triggered in time;

WARNING

When training a minor to ride, adjust the ATV throttle limiter to the lowest gear to avoid safety accidents caused by excessive speed; after the rider has mastered driving skills, you can adjust the gear appropriately;

WARNING

After each use, store the lanyard and rubber kill cap properly to avoid loss or accidental operation.

WARNING

To prevent unauthorized starting or unsupervised operation of the ATV, after each use, remove the lanyard of the emergency kill switch and store it in a safe place out of reach of children.

Pre-Ride Safety Check

Inspect the vehicle before every use to ensure it is in safe operating condition. Always follow the inspections, procedures, and schedules described in this User Manual.

WARNING

Failure to properly inspect or maintain your vehicle increases the chance of an accident or equipment failure. If you find any problems, do not operate the vehicle. If the problem

cannot be resolved following the procedures described in this manual, contact us or your authorized local dealer service center for repairs.

Item	Daily Inspection	Page No.
Brakes	<ul style="list-style-type: none">• Check brake operation, repair if necessary.• Check the free play of the brake lever, adjust if necessary.	7, 17,33
Throttle Grip	<ul style="list-style-type: none">• Ensure smooth operation. Lubricate the throttle cable and grip housing if necessary.• Check the free play of the throttle grip, adjust if necessary.	4
Tires	<ul style="list-style-type: none">• Check wheel condition, replace if damaged.• Check tire condition and tread depth. Replace if necessary.• Check tire pressure. Maintain tire pressure according to the PSI specified in this manual.	18,33, 37
Brake Lever	<ul style="list-style-type: none">• Ensure smooth operation, lubricate the pivot point of the lever if necessary	8
Instruments and Switches	<ul style="list-style-type: none">• Check operation, repair if necessary.	4,5
Emergency Kill Switch	<ul style="list-style-type: none">• Operation is normal• Rubber cap is undamaged• Lanyard is securely connected to the cap	16

Front and Rear Brakes

Use a tire pressure gauge to check tire pressure regularly. Ensure the pressure of the front and rear tires is balanced and complies with the vehicle’s recommended PSI specifications. This model is fully equipped with tubeless low-pressure tires. Refer to Page 32 for detailed specifications.

The vehicle is equipped with front and rear brake devices. If the brake lever cannot operate normally, do not ride this vehicle under any circumstances.

Braking Operation

After starting off, test the brakes at low speed to ensure proper function. If the braking performance is insufficient, check the brake pads for wear.

Switches

Before starting the vehicle, check and ensure all switches work properly.

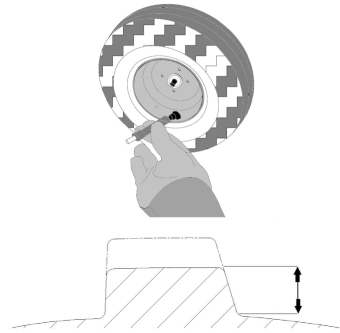
Pre-Ride Safety Check

Tires

Use a tire pressure gauge to check tire pressure, ensure front and rear tire pressure is even, and meets the recommended PSI standard. All models of this vehicle are equipped with special tubeless low-pressure valve type tires.

Tire Wear Limit

When the tread groove is worn down to 3mm (0.12in), replace the tire. Never ride on worn tires, as this can cause loss of control and increase the risk of accident or death.



Chassis Fasteners

Before starting the vehicle, ensure all nuts, bolts, and screws are properly tightened.

Breaking In

Proper break-in of the differential will effectively extend the service life of the entire vehicle.

The differential break-in period is the initial 20 hours of vehicle operation. During the break-in period, do not maintain a constant speed for a long time, do not open the throttle more than half, full speed operation and heavy load operation are strictly prohibited. Strictly control the load to ensure proper break-in of transmission components.

1. Turn the ignition key to the "ON" position.
2. Set the main switch to the "Run" position.
3. Release the parking brake.

WARNING

When riding the vehicle, the rider must always keep both feet on the footpegs to prevent personal injury from the rear wheel running over the foot.

During vehicle operation, you do not need to move your foot off the footpeg; lifting your foot reduces vehicle handling stability and easily causes an accident.

WARNING

During riding, you must always keep both hands firmly on the handlebar. Taking your hands off the handlebar reduces vehicle handling and easily causes an accident.

Pre-Ride Safety Check

Differential

The differential drain and filler plug are located at the same position on the rear of the differential.

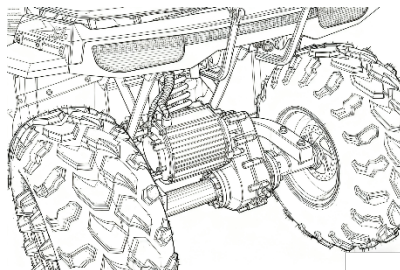
NOTICE

Change the gear oil after driving 300 kilometers.

After that, change the gear oil every 1000 kilometers.

The amount of gear oil to add each time is 130ml.

For differential oil change notes, see page 35.



Parking

To park the vehicle, first release the brake lever, release the throttle to stop the vehicle, engage the parking brake, then turn off the switch.

Never park this vehicle on excessively steep slopes or slopes that are difficult to exit from.

Accessories and Modifications

Any modifications to the vehicle's design or operation may expose you and others to serious injury or fatal risks. Never install accessories that impair the vehicle's performance or functionality. Inspect all accessories carefully before use to ensure they do not reduce ground clearance or restrict suspension travel, steering range and handling performance in any way.

Exercise extreme caution when adding electrical accessories or altering the vehicle's normal operating conditions. Electrical accessories exceeding the load capacity of the vehicle's electrical system may lead to hazardous conditions, including power failure and permanent motor damage.

Cargo Rack

The maximum load capacity of the rack is 22lbs. Do not overload. Load the rack carefully, and ensure the cargo is secured with tie-downs to prevent it from shifting.

WARNING

Overloading can cause loss of control, resulting in serious injury or death.

NOTICE

When shifting from forward gear to reverse or reverse to forward, always stop the vehicle first and press the brake.

Throttle Cable Inspection

Inspect the throttle cable for excessive wear and kinks. Ensure the throttle cable moves freely without restriction.

NOTICE

If any wear, fraying, or other signs of damage are found on the throttle cable, it must be

replaced.

Pre-Ride Safety Check

Throttle Cable Adjustment

Check the free play of the throttle lever and adjust it if necessary.

NOTICE

If adjustment is not possible, contact us or your authorized local dealer service center for repairs.

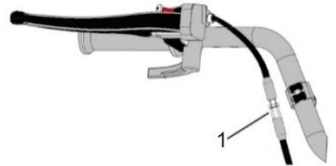
Normal throttle free play is 5mm to 10mm (0.20 in to 0.39 in).

TIP

Lubricate the throttle cable with silicone cable lubricant to reduce premature wear and ensure the cable moves properly.

Adjusting the Cable

1. Slide the rubber protective cover back to expose the throttle cable adjuster.
2. Loosen the lock nut, turn the adjuster to make the appropriate adjustment.
3. Tighten the lock nut and reinstall the protective cover.



1. Throttle Cable Adjuster

NOTICE

Measure the throttle free play at the tip of the lever.

Put the shift lever in neutral, start the vehicle.

Check that the throttle cable is correctly adjusted by turning the handlebar all the way to the right then all the way to the left. If the differential speed increases, readjust the free play of the throttle lever. Ensure the throttle cable is routed correctly and does not get caught on anything when turning the handlebar.

NOTICE

The handlebar should move left and right, and the differential speed should remain constant.

Hydraulic Brake System

WARNING

New brakes cannot achieve maximum performance until they are properly broken in. Exercise extra caution.

WARNING

Brake fluid replacement or maintenance and repair of the brake system should be performed by an authorized local dealer service center.

NOTICE

Brakes can become very hot after prolonged vehicle use, which can cause burns. Wait for the brakes to cool down.

The brake system is hydraulic and does not require adjustment. Before each use, use the following checklist to ensure the brake system is in good operating condition;

Pre-Ride Safety Check

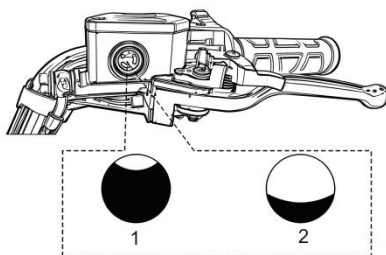
Brake Fluid Level

Any fluid leakage from the brake system

Cleanliness of brakes

Excessive wear and surface condition of the brake disc

Wear, damage, or looseness of brake pads



1. Maximum level 2. Minimum level

Always follow the steps below to check if the brake fluid level in the reservoir is correct; The brake fluid reservoir is located on the left and right sides of the handlebar. Place the vehicle on level ground, check that the brake fluid level in the reservoir is correct. The level should be above the minimum mark. Add fluid as needed, but do not overfill, and clean the filler cap before removing it.

It is strongly recommended to use DOT 3 or DOT 4 brake fluid for the brake system.

NOTICE

If you have any concerns after checking the brake system for wear or damage, contact us or your authorized local dealer service center.

Shock Absorber Spring Preload Adjustment

This model is equipped with adjustable shock absorbers front and rear. The preload of the shock absorber can be adjusted according to the rider's weight and riding conditions.

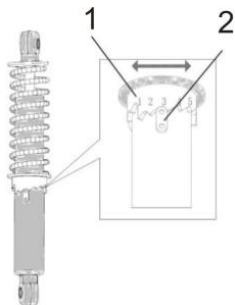
The shock absorber preload adjustment ring can increase spring preload (5 settings is the stiffest) or decrease spring preload (1 setting is the softest). Higher spring tension provides a stiffer ride; lower spring tension provides a softer ride.

NOTICE

The shock absorbers are pre-set at the factory, but can be adjusted using a dedicated

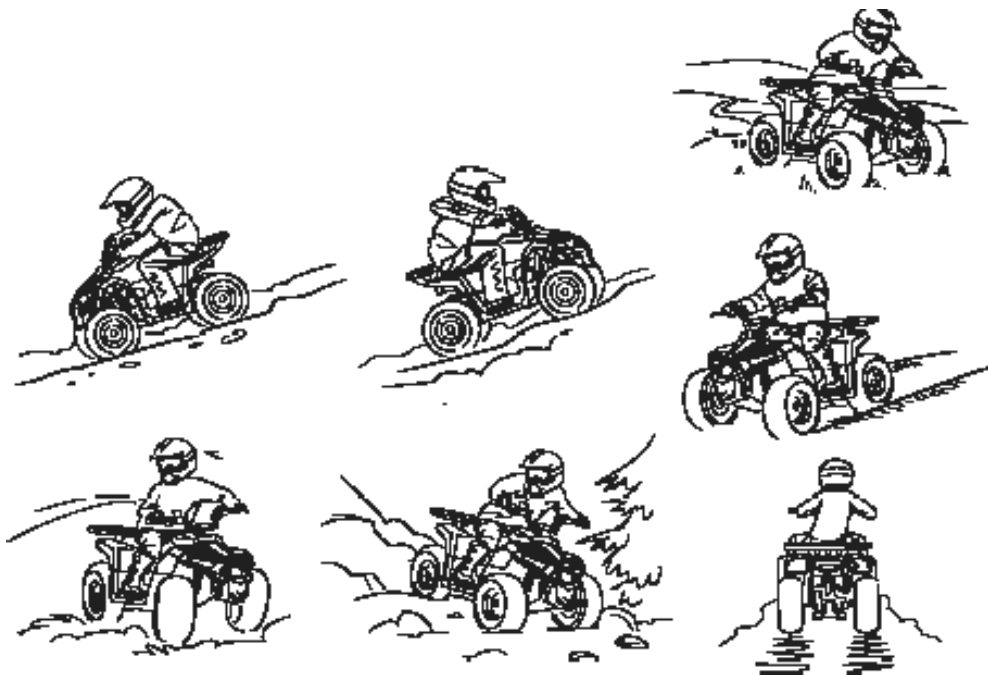
shock absorber adjustment tool.

Never adjust the mechanism beyond the minimum and maximum setting range.



1. Spring Preload Adjustment Ring
2. Position Indicator

Getting to Know Your ATV



WARNING

This model is for operators aged 10 years and older only. When a child operates any vehicle, an adult must supervise.

Do not operate this vehicle, and do not allow anyone else to operate it, without proper training. If the operator does not know how to properly operate the vehicle in different situations and on different types of terrain, the risk of an accident increases greatly.

Do not operate this vehicle at a speed faster than your skill level or current conditions allow, as this increases your chance of losing control of the vehicle and having an accident. Always drive at a speed appropriate for the terrain, visibility, operating conditions, and your experience level.



This vehicle is for use by persons aged 10 years and older only, and must be ridden for recreational use under continuous adult supervision. This chapter "Know Your ATV" provides general riding guidelines suitable for most types of riding. Driving this vehicle

Getting to Know Your ATV

requires time and practice to master the special skills required. Before attempting more complex maneuvers, take time to fully practice to master the special skills required. Before attempting more complex maneuvers, take time to fully learn the basic techniques. Familiarizing yourself with how the vehicle operates is essential to gaining the skills needed for safe driving. Before you start driving, ensure you have read this entire manual and understand how to operate all of the vehicle's controls. Pay special attention to the safety information on the vehicle and all warning labels.

TIP

Driving this vehicle requires time and practice to master skills. Even if you have experience driving other types of vehicles, you should start driving at low speed to become familiar with how this model handles. Do not attempt to operate it at higher performance levels until you are familiar with the handling and performance characteristics of this vehicle. Take time to learn the basic skills well before attempting more difficult maneuvers.

WARNING

Never carry a passenger. Carrying a passenger on this vehicle greatly reduces your ability to maintain balance and control the vehicle. You could be involved in an accident that results in serious injury or death to you and/or your passenger. The long seat is designed to allow the driver to adjust their position as needed during operation, not for carrying passengers.

Safe Riding Gear

- To reduce the risk of injury in an accident, always wear the following gear:
- Certified, properly sized motorcycle helmet
- Eye protection (goggles, face shield, or safety glasses)
- Over-the-knee boots, gloves, long-sleeve shirt or jacket, and long pants
- Additional personal protective equipment can reduce the severity of injury in an accident.

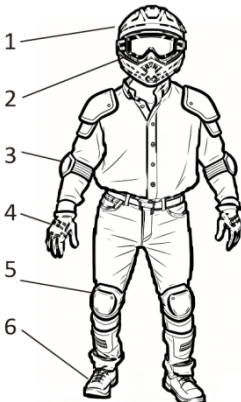
WARNING

Riding without a certified motorcycle helmet increases your chance of serious head injury or death in an accident. Wear goggles when driving this vehicle to reduce the risk of a serious accident or injury.

Eye protection such as a face shield or goggles reduces the risk of foreign objects entering your eyes and helps prevent impaired vision.

WARNING

Operating without goggles can lead to accidents and increase your chance of serious injury in the event of an accident.



1. Helmet
2. Goggles
3. Elbow Pads
4. Gloves
5. Knee Pads
6. Boots



Never operate this equipment after drinking alcohol or taking drugs.

Alcohol or drugs affect the operator's judgment, slow reaction time, and impair balance and perception.

Alcohol or drug use severely impairs your judgment, slows your reaction time, and consequently affects your operating safety.

WARNING

Never drink alcohol or use drugs before or while driving this vehicle. Doing so increases your chance of having an accident.

During Riding

Always keep both feet on the footpegs during operation; otherwise, your feet may come into contact with the rear wheel.

WARNING

Taking one hand off the handlebar or one foot off the footpeg during riding reduces vehicle handling, and can easily cause you to lose your balance and fall from the vehicle.

If you move your foot off the footpeg, your foot or leg may hit the rear wheel, causing personal injury or a safety accident.

Avoid wheelies and jumps.

WARNING

Attempting wheelies, jumps, and other stunts increases your chance of an accident, including rollover. Never attempt stunts such as wheelies or jumps. Do not show off.

Choose your riding area carefully.

This model is for off-road riding only, do not use it on other surfaces.

WARNING

Paved surfaces can severely affect vehicle handling and cause loss of control. Always avoid paved surfaces, including sidewalks, driveways, parking lots, and streets.

Do not ride on any public road, street, or highway. Riding on public roads can result in a collision with other vehicles. In many states, operating this vehicle on public streets, roads, and highways is illegal.



WARNING

Never operate this vehicle on any public street, road, or highway, even if it is a dirt or gravel road.

You could collide with another vehicle.

Know the terrain you are riding on. Ride carefully in unfamiliar areas.

Watch for holes, rocks, tree roots, and other hazards that can cause the vehicle to overturn.

WARNING

If you do not have enough time to react to hidden rocks, bumps, or holes, the vehicle can lose control. Ride slowly and exercise extra caution when operating on unfamiliar terrain.

Always be alert to changes in terrain conditions when operating the vehicle.

During Riding



WARNING

Do not ride on rough, wet, or soft terrain until you have learned and mastered the skills needed to control this vehicle on those terrains. Always exercise extra caution when riding on these types of terrain.

Riding on excessively rough, wet, or soft terrain without extra caution can cause the tires to lose traction or the vehicle to lose control, leading to an accident, including vehicle rollover.

When riding in areas that are not easily visible, such as desert terrain, attach a warning flag to your vehicle.

Do not use the flag pole mount as a trailer hitch.

WARNING

If you are operating in an off-road area that is not easily visible to other vehicles, you could collide with another vehicle. Installing a warning flag on your vehicle makes you more visible.

Watch carefully for other vehicles. Do not ride in areas posted with "no trespassing" signs. Do not ride on private property without permission.

Operating Your ATV

Choose a large, flat off-road area to become familiar with your vehicle. Ensure the area is free of obstacles and other riders. Before attempting more challenging terrain, you should practice throttle control, braking, and turning techniques in this area.

Engage the parking brake and start the vehicle following the instructions on page 17.

Remember that the motor will be hot during and after riding;



Release the parking brake and slowly and smoothly press the throttle. You will begin to accelerate. If you open the throttle too suddenly, the vehicle may lurch forward, or the front wheel may lift off the ground, causing loss of steering control. Avoid higher speeds until you are completely familiar with how the vehicle operates.

To slow down or stop, release the throttle and apply the brakes smoothly and evenly.

Improper brake use can cause the tires to lose traction, reduce handling, and increase the chance of an accident.



When riding off-road, for maximum traction, both rear wheels rotate at the same speed together. Because of this, the vehicle will resist turning unless the inner wheel is allowed to slip or lose some traction. A special turning technique is required to turn the vehicle

quickly and easily.

It is essential that you first learn this skill at low speed.

When you approach a turn, slow down and start turning the handlebar in the direction you want to go. During this process, shift your weight to the outer footpeg (opposite the direction you are turning), and lean your upper body into the turn. Use throttle control to maintain a constant speed through the turn. This action causes the inner wheel to slip slightly, allowing the vehicle to turn normally.

Practice this movement multiple times at low speed in a large open off-road area free of obstacles. If you use the wrong technique, your vehicle may continue straight. If the vehicle cannot turn, stop, then practice the movement again. If the surface is wet or loose, you can move forward on the seat to put more weight on the front wheel, which may help.

Once you have learned the skill, you will be able to use it at higher speeds or in tighter turns.

Improper riding techniques, such as sudden throttle changes, excessive braking, incorrect body positioning, or turning too fast, can cause the vehicle to roll over. If the vehicle starts to lean outward in a turn, lean your body more into the turn. You may also need to gradually release the throttle and turn outward into the corner to avoid rollover.

Operating Your ATV

WARNING

Avoid high speed until you are completely familiar with how the vehicle operates. Do not attempt hill climbing until you have mastered basic handling on flat ground. Always inspect the terrain carefully before attempting to climb any hill. In all cases, avoid climbing slopes with slippery or loose surfaces, or slopes with obstacles that could cause you to lose control.

Hill Climbing

To climb a hill, you need traction, power, and steady throttle. Go fast enough to maintain momentum, but not so fast that you cannot react to changes in terrain during the climb.

WARNING

When climbing a hill, it is very important to shift your weight forward onto the vehicle. This can be done by leaning your body forward, and on steeper sections, stand on the footpegs and lean your body forward over the handlebars.

The risk of rollover is much higher when driving on hills than on flat ground. Only allow a child to drive on hills once they can drive safely on flat ground. Climb straight whenever possible. When you reach the top of the hill and your view is blocked, always slow down and watch for people, obstacles, or steep downhill on the



other side. Judge the terrain rationally — some hills are too steep for climbing or descending.

If you anticipate you cannot reach the top safely while climbing, turn around and descend while you still have power and enough space.

If the vehicle stalls or stops, and you confirm you can continue climbing, restart carefully to avoid the front wheel lifting and causing loss of control; if you cannot continue climbing, exit the vehicle from the uphill side, manually turn the vehicle around, then descend.



If the vehicle starts rolling backward, do not brake suddenly, only use the front brake; after the vehicle comes to a complete stop, apply the rear brake and engage the parking brake lock.

This vehicle is very prone to rolling backward. When the front of the vehicle is facing uphill, immediately exit the vehicle from the uphill side or left side.

If possible, ask another person to help turn the vehicle around, confirm it is safe, then re-board and descend carefully following the instructions in the next section.

WARNING

Only allow your child to practice riding on gentle, small hills.

Always confirm that your child can ride easily and continuously to the top of the hill before allowing them to attempt climbing.

Stopping halfway up a climb is extremely dangerous, the vehicle can roll backward and even flip over backward.

Accelerating Your ATV

WARN

Stopping, rolling backward, or exiting the vehicle incorrectly while climbing can lead to rollover. If you cannot control the vehicle, immediately exit from the uphill side.

If a child loses forward momentum while climbing, follow these steps:

1. Lean your body as far forward as possible.
2. Before the vehicle starts rolling backward, use the rear brake to stop the vehicle.
3. Engage the parking brake, keep your body leaning uphill, exit the vehicle from the right side.

4. Turn the vehicle around by doing the following:

- ① Have the supervising adult assist, standing on the uphill side of the vehicle and pulling the rear of the vehicle until the front of the vehicle is facing downhill.
- ② Standing on the uphill side of the vehicle, turn the handlebar all the way to the right; release the parking brake, and gently hold the brake lever to let the vehicle roll backward slowly until the body is sideways across the hill, then re-engage the parking brake. Then turn the handlebar to the left, keep standing on the uphill side, release the parking brake and gently hold the brake lever, to let the vehicle move slowly until the front of the vehicle is facing downhill, then re-engage the parking brake.

Descending Hills

When driving downhill, shift your weight as far back as possible, and toward the uphill side of the vehicle; sit back to the end of the seat, and keep your arms straight. Exercise extra caution when descending on soft, wet surfaces, as these surfaces reduce braking performance and traction. Improper braking can also cause loss of traction, so only apply the rear brake slowly.



Descend straight whenever possible, avoid sharp turns to prevent the vehicle from leaning or rolling over. Choose your route carefully, and do not ride faster than you can react to unexpected obstacles.

Side Slope Riding

When driving across a side slope, maintain vehicle balance by correctly adjusting your body weight.

Before attempting diagonal riding, you must master basic riding skills on flat ground proficiently.

Please stay away from slippery and rough slopes, as such road conditions can easily cause the vehicle to lose balance.

When riding diagonally, lean your body toward the uphill side. When riding on soft surfaces, you can slightly adjust the front wheel toward the uphill side to correct the direction.

Sharp turns are strictly prohibited when riding on slopes (whether uphill or downhill). If the vehicle is about to tip over and there is no obstacle ahead, you can slowly turn toward the downhill direction. After the vehicle regains balance, slowly turn back to your intended direction of travel.

Accelerating Your ATV

Water Crossing

This vehicle is capable of crossing shallow, slow-moving water no deeper than 15 cm (6 in). Plan your route carefully before entering the water, choose a gentle entry area without sudden drops, avoid obstacles such as rocks that are slippery and interfere with travel, and proceed slowly with caution.

Test the braking performance immediately after exiting the water, and repeatedly press the brake lightly if necessary to dry the brake pads through friction.

Do not continue riding until the braking performance is fully restored.

WARNING

After riding through water, braking performance may decrease, which can easily lead to loss of vehicle control.

After crossing water, be sure to remove the air filter housing and drain all accumulated water inside.

Riding on Rough Terrain

Improper operation when riding over obstacles may cause loss of vehicle control or collisions. Before entering unfamiliar areas, inspect the terrain and potential obstacles in advance. Never attempt to cross large obstacles such as boulders and fallen logs. When crossing obstacles, always follow the standard procedures specified in the owner's manual.

Exercise extra caution when riding on rough terrain, watch out for obstacles that could damage the vehicle or cause an accident, and keep your feet firmly on the footpegs at all

times. Do not jump the vehicle, and keep the riding difficulty within your capabilities.

Sliding and Skidding

Improper handling during skidding or side slipping may result in loss of vehicle control. Sudden regaining of traction can also cause the vehicle to tip over. Practice at low speeds on flat, smooth surfaces to master safe skid control techniques. On extremely slippery surfaces such as ice, drive slowly and with caution to reduce the risk of skidding and loss of control.

Vehicles are prone to sliding on soft and slippery surfaces, and an unexpected slide that is not corrected in time can cause an accident. Keeping seated and shifting your body weight forward can reduce front wheel skidding.

If the rear wheel slips sideways, you can restore vehicle control by steering correctly. If the vehicle skids and loses control, do not brake hard or accelerate sharply until the skid is corrected.

Guiding Young Riders

Important Advice for Parents:

Your child's riding safety depends on whether you invest enough time to provide them with comprehensive and standardized operation training. Before your child rides formally, always remember: Correct operational instruction is just as important as real-time supervision during riding.

Please read this manual page by page with your child, explain all operating instructions, usage requirements and safety warnings in detail. You should not only teach standard operating skills, but also emphasize safety precautions. Ask your child questions during the reading process to ensure they fully understand all content.

The step-by-step guidance below can help your child have a safe and enjoyable experience when riding the vehicle for the first time. Before using this guidance, you must first master the vehicle characteristics and riding skills described earlier in this owner's manual. We strongly recommend that you use this guide to teach children who are approved to operate this vehicle.

Accelerating Your ATV

If the child being trained becomes fatigued or distracted, arrange a rest immediately. Operating this type of motor vehicle requires full concentration at all times to ensure safe operation.

Proper Clothing and Protection

The first priority for safe riding is to equip the rider with proper protective gear. Children must wear a helmet, goggles, gloves, long pants, a long-sleeved shirt/coat, and protective boots at all times while riding.

Never allow children to wear loose clothing, loose belts, scarves or other items, as these can be caught by moving parts of the vehicle and cause personal injury. Even in hot weather, make sure children wear long pants and a long-sleeved shirt. This not only prevents abrasions, but also reduces physical fatigue caused by wind cooling.

WARNING

Failure to wear appropriate clothing and protective gear as specified above can result in serious personal injury.

Familiarize Yourself with the Vehicle

Children should be completely familiar with the names and functions of all control components. Have the child sit on the vehicle with the motor off, operate each control,

and you can demonstrate the operation yourself if necessary. Guide the child to complete operations such as braking, turning off the motor, and engaging the parking brake, and practice repeatedly until the child can operate all devices proficiently and without hesitation without looking at the controls.

Please carefully study the content related to the "Pre-ride Inspection" with your child until the child masters all inspection items and methods, and provide demonstration explanations for the child combined with specific inspection items.

Starting and Stopping

WARNING

Practice should be done in an open, flat area away from other riders and obstacles. Check the area before riding, remove all potentially dangerous objects such as stones and branches, and stay away from ditches and uneven terrain.

To help your child build driving confidence, start practicing with the motor turned off. The specific steps are as follows:

1. Have the child sit on the vehicle and guide them to release the parking brake.
2. Tell the child to look ahead. If you are physically able, push slowly from behind the vehicle to let the child feel the sensation of the vehicle moving.
3. During pushing, guide the child to maintain a straight line, practice stopping, and operating the motor kill switch. Watch the child closely to ensure they can operate correctly without looking at the controls.
4. When reaching the end of the practice area, guide the child to stop, engage the parking brake, then dismount. You can then turn the vehicle around and push straight in the opposite direction.

Accelerating Your ATV

WARNING

Before allowing a child to drive the vehicle, be sure to adjust the throttle limiter to limit the maximum speed to a low level. Rotating the limiter clockwise will reduce the vehicle's maximum speed.

After the setting is completed, start the vehicle and guide the child to practice starting, driving straight, and stopping under power. If conditions permit, you can walk alongside the vehicle to supervise, or have the child ride back and forth between you and another supervisor. Watch closely throughout the process to ensure the rider does the following:

1. Turn the ignition key to the "ON" position.
2. Set the main switch to the "RUN" position.
3. Release the parking brake.

When reaching the end of the practice area, promptly guide the child to stop, engage the parking brake, dismount, and you turn the vehicle around. Repeat this exercise until the child can correctly, proficiently, and confidently complete starting, accelerating, constant-speed driving, and stopping.

Turning

After your child has mastered straight-line driving and can stop smoothly when needed, you can start teaching steering operations. First explain the correct body position for turning, let the child practice with the motor off, then assist by pushing from behind. When turning, make sure the child does the following:

1. Shift your body weight slightly forward and place your weight on the outside footpeg;
2. Lean your upper body toward the direction of the turn while turning the handlebars in that direction.

After the rider can perform left and right turns correctly with the motor off, practice turning under power. Before practicing, confirm that the throttle limiter has been adjusted to a low speed setting, watch closely throughout the process to ensure the rider uses the correct turning technique, and practice repeatedly until the rider can turn confidently and correctly.

Combined Practice

After your child has mastered the basic riding skills mentioned above, conduct comprehensive practical exercises. Instruct the rider to perform left turns, right turns, stops, parking and other operations in random order so the child cannot predict the next step. Continue practicing until you confirm that the rider has mastered all basic operations proficiently.

The above steps help new riders master core basic riding skills. To become a skilled rider, children still need a lot of practice and professional guidance after completing basic training. Be patient during teaching, and allow sufficient time when teaching advanced skills such as climbing and descending slopes. When the child has proficiently mastered basic low-speed riding and all skills, you can gradually adjust the throttle limiter and appropriately increase the vehicle's maximum speed according to the child's skill level and riding experience.

Specification Table

Maximum Speed.....	>40km/h
Gradeability.....	20°
Recommended Tire Pressure.....	6.5 PSI
Maximum Power.....	2kw
Maximum Torque.....	>42 N·m
Transmission Ratio.....	1:10
Battery.....	60V 20Ah
Drive System.....	Gear Drive
Transmission Gearbox.....	Differential
Transmission Oil Volume.....	130ml

Overall Length.....	57.68in(1430mm)
Overall Width.....	36.22in(920mm)
Overall Height.....	39.37in(1000mm)
Wheelbase.....	37.40in(950mm)
Seat Height.....	39.37in(1000mm)
Ground Clearance.....	4.72in.(120mm)
Net Weight.....	170kg/374.79lbs
Gross Weight.....	190kg/418.88lbs
Package Dimensions.....	1395×770×630mm
Maximum Load Capacity.....	90kg(198.42lbs)
Brake Type.....	Front/Rear Disc Brakes
Brake Control.....	Front/Rear Hand Brake
Rims.....	Steel
Front Tire.....	19×7-8
Rear Tire.....	18×9.5-8
Maximum Front Tire Pressure.....	10 PSI
Maximum Rear Tire Pressure.....	10 PSI
Minimum Front Tire Pressure.....	24.0 PSI
Minimum Rear Tire Pressure.....	24.0 PSI
Rear Suspension.....	Single Shock Absorber
Front Suspension.....	Independent Dual Shock Absorbers
Container Loading Quantity.....	108pcs/40' HQ
Certification.....	CE, UKCA

Maintenance

NOTICE

If the vehicle is used under severe operating conditions (such as muddy or wet environments), the maintenance interval should be shortened, and standing water and dirt in lubrication ports and other key components should be cleaned in time.

Regular Maintenance Schedule

Standard regular maintenance ensures that the vehicle always remains in the best possible safety and reliability condition. The inspection, adjustment and lubrication intervals for important components are shown in the table below.

The maintenance intervals are based on average operating conditions and an average speed of approximately 10 mi/h. If the vehicle is used frequently or operated in humid or dusty environments, the frequency of inspection and maintenance should be further increased.

Please inspect, clean, lubricate, adjust or replace components according to actual vehicle conditions.

NOTICE

Inspection may reveal that parts need to be replaced.

Always use genuine original parts.

Maintaining your vehicle according to the maintenance schedule in this manual is critical to the proper operation of the vehicle.

		Inspection or Maintenance Work	Whichever comes first		Interval				
			Month	1	3	6	6	12	
			km (mi)	320 (200)	130 0 (800)	250 0 (1600)	250 0 (1600)	5000 (3200)	
No.	Time		h	20	80	160	160	320	
2	Front Brake *	· Check operation, correct if necessary.		✓	✓	✓	✓	✓	
		· Replace brake pads.		When worn to the limit					

3	Rear Brake *	<ul style="list-style-type: none"> · Check operation, correct if necessary. · Check brake pedal free play, adjust if necessary. · Check brake fluid for leakage and aging, correct if necessary. 	✓	✓	✓	✓	✓
		· Replace brake pads.	When worn to the limit				
4	Brake Hose	· Check for cracks or other damage, replace if necessary.		✓	✓	✓	✓
		· Replace.	Every 2 years				
	Rear Brake Hose Protector *	· Check for wear, cracks or other damage, replace if necessary.	✓	✓	✓	✓	✓
5	Wheels *	· Check for runout and damage, replace if necessary.	✓	✓	✓	✓	✓

Maintenance

No	Time	Inspection or Maintenance Work	Whichever comes first		Interval			
			Month	1	3	6	6	12
			km (mi)	320 (200)	130 0 (800)	250 0 (1600)	250 0 (1600)	5000 (3200)
			h	20	80	160	160	320
6	Tires	<ul style="list-style-type: none"> · Check tread depth and for damage, replace if necessary. · Check air pressure and balance, correct if necessary. 	✓	✓	✓	✓	✓	✓
7	Wheel Bearings *	· Check for looseness or damage, replace if necessary.	✓	✓	✓	✓	✓	✓
8	Chassis Fasteners *	· Ensure all nuts, bolts and screws are correctly tightened.	✓	✓	✓	✓	✓	✓
9	Shock Absorber Assembly *	<ul style="list-style-type: none"> · Check operation, correct if necessary. · Check for oil leakage, replace if necessary. 			✓	✓	✓	✓
10	Bearings *	· Lubricate with lithium-based grease.			✓	✓	✓	✓

11	Steering Shaft *	· Lubricate with lithium-based grease.			✓	✓	✓
12	Steering System *	· Check operation, repair or replace if damaged. · Check toe-in, adjust if necessary.	✓	✓	✓	✓	✓
13	Differential *	· Engine oil requires regular replacement.		✓			
15	Moving Parts and Cables *	· Lubricate		✓	✓	✓	✓
16	Throttle Lever, Housing and Cable *	· Check operation, repair if necessary. · Check throttle cable free play, adjust if necessary. · Lubricate throttle lever housing and cable.	✓	✓	✓	✓	✓
17	Front and Rear Brake Switches *	· Check operation, repair if necessary.	✓	✓	✓	✓	✓
18	Lights and Switches *	· Check operation, repair if necessary. · Adjust headlight beam.	✓	✓	✓	✓	✓

Battery

When the vehicle is left unused for a long time, charge the battery with a trickle charger; otherwise the battery will lose power and be damaged by sulfation. The battery is not covered under the vehicle warranty.

Maintenance

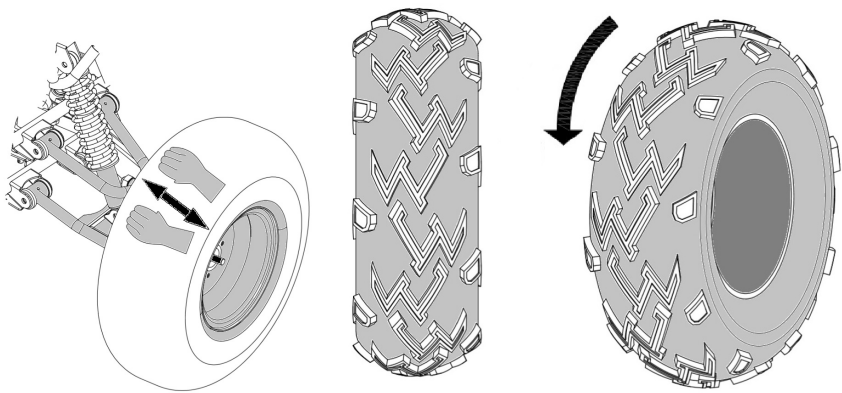
Regular Maintenance Record

Maintenance Interval Completed	Maintenance Date	Maintenance Dealer or Technician	Notes

Inspect Wheel Bearings

Check Wheel Bearings

Wheel bearings must be inspected at the intervals shown in the regular maintenance schedule. Place the vehicle on a level surface, move the top of the tire back and forth relative to the vehicle to feel if there is play in the wheel bearings. If there is play in the bearing or the wheel does not rotate smoothly, contact us or an authorized local dealer service center.



Directional Tires

Directional tires are custom optional components, and your vehicle may not be equipped with directional tires.

Directional tread is designed to roll in only one direction. The lateral grooves on both sides of the tire point toward the center, forming a "W" shape. The "W" shape on each tire must point forward.

NOTICE

When installing tires on your vehicle, the correct tread direction is critical to safety and driving performance.

TIP

Directional tires can only be rotated front to rear. (Refer to the arrow indicator on the outside of the tire)

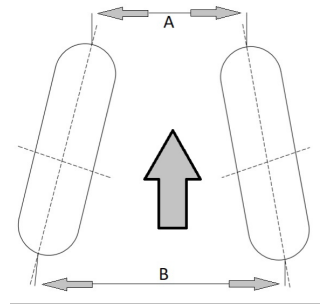
Adjusting Steering Toe-In

Adjusting wheel toe-in has a significant impact on vehicle handling, and correct toe-in setting is the key to ensuring driving safety and handling performance.

It is very easy to check if the front wheels are aligned: your vehicle should be able to maintain a straight line smoothly, without leaning to one side or pulling.

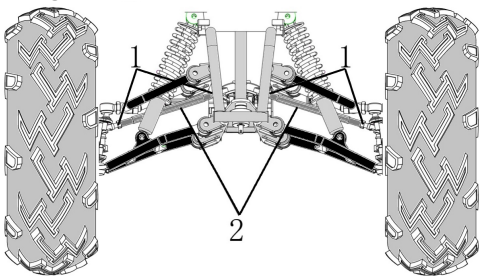
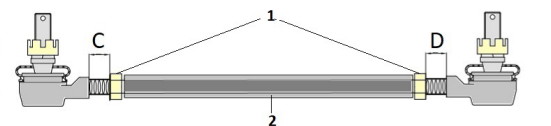
How to Check Wheel Toe-In

1. Park the vehicle on level ground.
2. Check that the air pressure of all tires meets the standard.
3. Adjust the handlebar assembly and front wheel to the straight-ahead position, and secure the handlebar with a strap.
4. Mark the center of the tread on both front tires with chalk.
5. Measure the distance between the two marks and record it as "A".
6. Rotate the front wheel 180° so the marks are on the opposite side.



Adjusting Toe-In

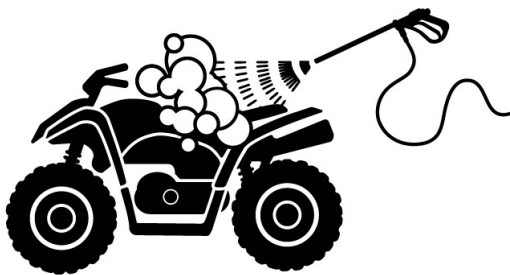
1. Mark the ends of both tie rods. This measurement is required during adjustment.
2. Loosen the lock nut on the tie rod end (#1).
3. Rotate the left and right tie rods (#2) the same number of turns until the specified toe-in is achieved. This is to keep the tie rods the same length.
4. Tighten the tie rod end lock nuts on both tie rods.



Washing Your Vehicle

We recommend washing your vehicle with a garden hose. High-pressure washers can damage certain components of your vehicle. If you use a high-pressure washer, avoid spraying the following areas:

Motor
Area under the seat
Motor Stop Button
Brake Master Cylinder
Wheel Hubs
Decals



Wash the vehicle with a mild neutral detergent

1. Rinse the vehicle thoroughly with cold water to remove loose dirt from the surface.
2. Add cold water to a bucket and add a mild neutral detergent (such as dish soap) or a special motorcycle or car cleaning product.
3. Wipe the vehicle clean with a sponge or soft towel, while checking for stubborn dirt and remove it with a neutral cleaner/degreaser if necessary.
4. After washing, rinse the vehicle thoroughly with plenty of water to remove all detergent residue completely.
5. Dry the vehicle with a soft towel.
6. As a precaution, ride at low speed and apply the brakes several times. This will help dry the brakes and restore normal braking performance.

Vehicle Identification Location

The Vehicle Identification Number (VIN) uniquely identifies your vehicle and may be required when ordering replacement parts.

The VIN is stamped on the frame behind the front bumper.

The motor number is located at the center of the rear motor.

